

COMING EVENTS

Jacksonville Hamfest, Aug. 2nd & 3rd.
 Pensacola Ham-M-Rama, Aug. 31
 Melbourne Hamfest, Sept. 6 & 7th.
 Tampa Hamfest, Tampa, Oct. 18th & 19th.
 National QCWA Convention, Orlando Oct. 31 & Nov. 1.
 Suncoast Convention, St. Petersburg Nov. 1 & 2.
 Broward Holiday-fest, Dec. 13 & 14th.
 1981
 Sarasota Hamfest, Jan. 17 & 18th.
 Miami Hambooree, Feb. 7 & 8
 Pinellas Boys Club Hamfest, Feb. 15th.
 Treasure Coast Hamfest, Vero Beach, Feb. 21 & 22nd
 National ARRL Conv. & Orlando Hamcation 13-14-15.
 Playground ARC Swapfest, Mar. 21 & 22 Ft. Walton Bch

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SKIP

VOL. 24 NO. 3 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION August 1980 Price 40c



QRZed the frequency, this is WA4CGQ in Key West. Chuck Wardlow is the most active amateur in the most southern city in the United States. CGQ and the Key West amateurs did an outstanding job last May during the Cuban Exodus! Chuck legally blind, can be found on all Fla. phone nets, even the Dade Emergency net on 146.940 Weds. at 8p.m. Congratulations and a BIG THANKS to Chuck for all his support in the past years from Key West. Watch for story in QST by K14T on Cuban Exodus in few months.

AMATEUR OF THE MONTH

If there is such a thing as a "Florida Ham of the Year" award, I would like to take this opportunity to nominate Representative Ron Johnson, WB4LIJ. Although he holds a technician license, his actions have proven him to be the epitome of a ham, through his public service activities.

Ron is actively engaged in advertising and public relations where he makes his livelihood. While in junior college he and Charlie Wooten, WA4IMC, were the founding spirit behind the College Station, WKGK at that time operating at only 75 milliwatts. At this time it is FM and a power of 20 kilowatts.

After graduation from junior college he attended the University of West Florida where he majored in Communications and subsequently obtained his ham license.

Upon returning to Bay County he volunteered for the position of Communications Officer in the Office of Disaster Preparedness of Bay County. He is still holding this office at the present time. During hurricane Eloise he directed communicators from the Emergency Operating Center both through amateur radio and public radio and TV.

QSY TO BACK PAGE.

CAMP LIBERTY

By John Lakin, W4MMW/AFA2UE

The arrival of refugees at Eglin Air Force Base happened fast. From little more than a rumor at mid-week the Camp was a reality by week's end. MARS moved fast, too, when it became apparent that many messages of arrival and queries as to whereabouts of relatives would be generated. From a small member-owned van to full operation of AGA2EG/Unit 2 under canvas the operation moved into gear smoothly.

At the peak of the operation the Eglin MARS repeater, the AGA2EG KWM-2A, and at least one member of the Base Support Team were "going strong" from seven in the morning until ten at night. In all, 20 members of the Eglin Base Support Team participated in one way or another. Most put in several tours at traffic-handling at the Camp.

Master Sergeant Jim Recuero, Base MARS Director, and Major Dick Kronick, AFA2TT, Base Support Team Manager, made the Camp their second home for many days. Other members of the Team that participated were Lyndell Brown, AFA2DT; Frank Butler, AFA2EL; Clair Chellberg, AFA2FM; Randy Counsman, AFA2GZ; Bill Hendricks, AFA2PE; John Lakin, AFA2UE; Bob Miller, AFA2YO; Gene Monk, AFA2YV; AFB2CP, Clarence Quinlan; AFB2DW, Dan Ritola; AFB2JQ, Harry Tracy; AFB2LH, Bob Wasserlein; AFB2QX, Charles Saunders; AFB2UR, Ken Davis; AFB2UV, John Poindexter; and AFB2UZ, Charles Gunter.

The Florida State MARS Director, Mike Green, AFF2FL, and Phil O'Dwyer, AFB2AL, Assistant Florida State MARS Director, were of great assistance, both in coordinating the state-wide traffic flow and in relaying and delivering the refugee traffic.

During the period 2 May to 5 June 1980, a total of 1,348 messages were transmitted from refugees to relatives or friends in the United States. About 200 of these were sent by teletype by AFB2UZ of the Base Support Team. About a third of them were relayed by AFB2AL. Most of the traffic was for the Miami and New York areas but messages were sent to all parts of the country via TRANSCON. Frequently a message gave arrival information on a large number of refugees.

The MARS Station at Eglin is not manned at the present time and Camp Liberty gave the Base Support Team an excellent opportunity to improve its state of training and readiness. The team demonstrated that using affiliate operators alone that Base MARS Station can be operated on an around-the-clock schedule for at least a week.

AMSAT NEEDS HELP

By Walt Dixon, W4DWN

The failure of the European Space Agency's Ariane launch vehicle June 23rd of this year caused the loss of the \$150,000 Phase IIIA. This was a major catastrophe for Amsat as every cent in Amsat's treasury was invested in this project. Being that the

QSY TO BACK PAGE

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OMs..nominate your XYL for our Skip DEAR MABLE AWARD. A most unusual award. None other like it anywhere! Designed just for your XYL. Only \$1.50 to cover charges. Give her full name, your call and mailing a address. . . . Editor

EX CALLS

Here is another list of EX-CALLS. Have you sent in your?

W4MAQ	ex	W2NDR	N4BRG	ex	WD4SCN
KC4KL	ex	KA4AIG	KC4KM	ex	KA4AIT
N4CXX	ex	KA4FGE	W4LI	ex	W5DMS W4LXM
AJ4L	ex	K4JWN W3LHM			W4EYQ
		W8ZZAT, W8FQL	8BQP		

Note: that W8ZZAT is correct. It was a special call then.

Dear Andy:

As you know, I just returned from Italy and Spain. As I make frequent trips to those countries, I have been very interested in reciprocal licensing.

Upon my arrival in Italy, I telephoned Manuel F. Calero, Reciprocal Licensing Manager for Association Radiotecnica Italiana (ARI). He informed that he was leaving for Rome that evening for a scheduled conference with the head of Telecommunications with the Italian Government to discuss the proposed reciprocal licensing agreement with the U.S. He mentioned that the President of Italy is also a "ham".

The following Sunday, Dr. Calero (I4CMF) called me. He was very happy to inform me that the Telecommunications officials have approved the wordage of the agreement, and that the formal signing with the U.S. Embassy officials would be scheduled for sometime during the next few weeks.

To the best of my knowledge, this information has not been distributed to any person or organization in the USA.

Dr. Calero also informed me that the operator's license issued by the Italian Telecommunications Department would furnish adequate information for issuance of a station license, and no further action would be required by me. The station license issue would be automatic.

Dr. Calero has devoted many long hours, and paid most of the expenses out of his own pocket over the past several years on this project. And, while this will mean much to the military serving in Italy, few Italian amateurs will be operating in the U.S.

Unless information has been furnished ARRL through State Department Channels, it is doubtful that they have been informed.

(EDITOR'S NOTE: Thanks Hal for Scoop!)

H.C. Williams, W4YP
Miami, Florida

Dear Editor:

I have an invention which might be interesting to your readers.

It is a liquid material which I call Propagation Juice. It comes in pint cans, which retails for \$1,000.00 each. Dip the antenna in it, and the propagation increases at least 1000%. It is wonderful stuff.

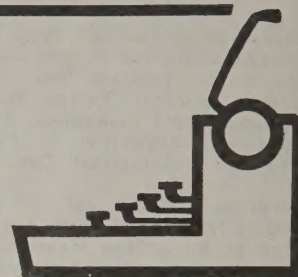
Do you know of anyone who wants to buy Skylane? I am getting pretty old to handle it any more. It should be particularly attractive to a Yankee moving down here. I am not kidding on this. I am getting too erratic to handle it any more.

Van, W4YM
406 Bon Air Avenue
Temple Terrace, Florida 33617

(EDITOR'S NOTE: Good luck on selling Skylane Products.)

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letters to the editor



Dear Editor:

Back about 10 or 15 years ago Florida SKIP used to have a full page of schematics for various rigs.

In cleaning out some old files I ran across many of them and started to discard them — and then thought that some of these might be quite useful to some ham who is an owner of some of the old, old gear of those days — and whose schematics have long disappeared.

So — if you want to list these schematics, I will send them at no charge to whoever needs them.

They are:

Models 3133 and 3139 Gonset Communicators III Transmitters;

Globe Sidebander, Model DSB-100;

Hallcrafters Model HT-40 Transmitter;

Hallcrafters Model HT-33B Linear amplifier;

Johnson Viking 6N2 Transmitter;

Hallcrafters Model HA-4 T.O. Keyer;

Typical "COMMAND SET" Transmitter Wiring, with Power Plug Connections for the "BC" Series;

"The Popular COMMAND RECEIVER";

Viking Ranger

Model HA-1 T.O. Keyer;

Heathkit Model V-2 V.T. Voltmeter;

Johnson "INVADER" 2000 Amplifier and Power Supply;

EICO Model 710 Grid Dip Meter; and

Hallcrafters Model S-108 Receiver.

Again — they are free — I will even pay the postage!!

Reid Martin, W4BP
Route 3, Box 250
Tavares, Florida 32778

Dear Andy:

I enclose a Hambar ad for insertion in your next issue. I sent you my renewal subscription for another year last month, and I wonder if you noticed a comment that I made. In the June issue, you had a comment in which you spoke of the Twelve Commandments. I reminded you that as far as I knew, God had only sent down to Moses a total of Ten Commandments. Since you are looking for errors in printing overlooked by the copy reader . . . now on vacation, you might count this error. Since I have only the one error, it will count for little in your new contest.

Each month in SKIP, I notice ads for Ham fests, conventions, etc. Seemingly, tickets bought by mail and in advance, are only good at the door. And they are only good in the drawings if a person is there to claim any prize. It is my thought that quite a few additional tickets might be sold if an announcement is made that any prizes won and unclaimed at the end of the festivities would be shipped to the holder of the winning ticket, shipping charges to be paid by the lucky winner. I know that I would buy a number of tickets if circumstances were as I have mentioned. I have bought tickets in advance, only to find that I have a conflict in dates. That would not be too bad should I be prevented from attending, for I still would have a chance in the drawings. It would be simple to administer. Non-present winners would be sent a card requesting the return of the ticket held by the winner. The item would then be sent by C.O.D.

Any comments, Andy?

73,
Horace A. Veit, W4MBB
4100 Rainbow Drive
Ft. Myers, Florida 33905

(EDITOR'S NOTE: I seem to remember that selling tickets in the manner you suggest may be considered by Postal Authorities as a form of gambling which is forbidden by Postal Law. Can someone please give us correct "wording" on this subject?)

Dear Editor:

At this point in time, I believe you're aware that I'd come to your defense as the editor of this ham service publication. Conversely so, I'll be your most severe critic of where I believe you to be wrong, and as advertised per your own rules and regulations.

In the July issue of Florida SKIP in your HAMBAR SERVICE, you've violated as per your heading, "HAMBAR SERVICE of Electronic Equipment ONLY". I feel that the 22 ads for SCM by the incumbent and challenger thereof, was not for a monetary return, but as a Public Service.

Regardless of your intent, I found it highly objectionable and irritating, and I hope that the paid subscribers will not be subject to this pattern again. I'm still your friend, and I hope you accept my criticism in the manner it's given — A better SKIP for everyone. (73)

Norm Aiken, W8LJS
1309 Tropicana Circle
Apopka, Florida 32703

(EDITOR'S NOTE: We have been doing this as a "Public Service" thing for years. Thanks for your views NORM.) P.S. Don't forget to VOTE!

All Amateurs:

It is with deep regret that I inform you of the passing of my beloved husband of 45 years, Robert H. Kastle on March 19, 1980.

Please note that I have a complete library of QST starting in 1974 — all issues to current. I have 73's — all of 1977 through current. Also numerous other amateur books. Would like very much to find a worthwhile club or library that could take them all and use them as a memorial to Bob.

If "Bob" Kastle, K4TQW of St. Petersburg, Florida has not as yet been listed in your silent key list please do so, and send me a copy.

Please cancel all subscriptions to amateur magazines and books, as regretfully, I am not a ham.

Sincerely,

Mrs. Robert H. Kastle (Helen)
3896 46th Avenue, North
St. Petersburg, Florida 33714
Phones: (813) 525-8875 or 526-7946

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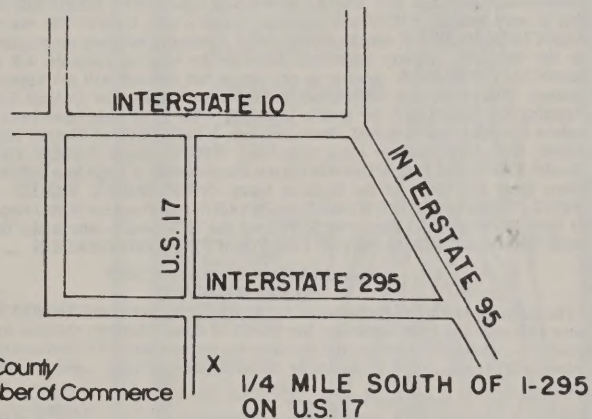
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Chamber of Commerce



Special DXers Banquet: Return Coupon to N4KE, 258 Wesley Rd., Green Cove Spgs, Fla. 32043

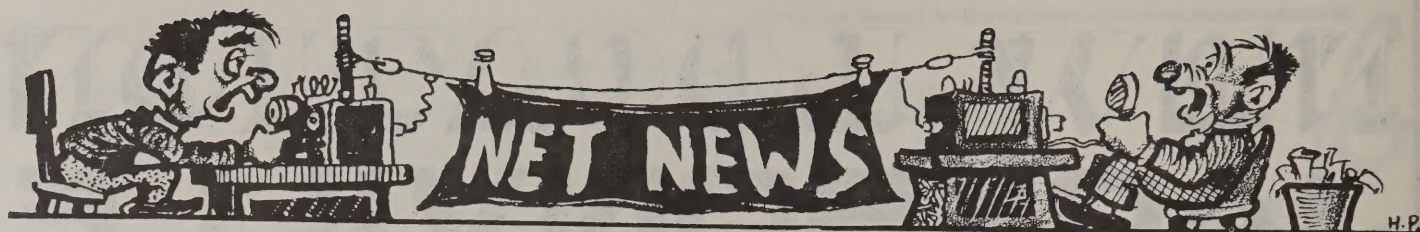
Please reserve _____ space(s) at the NFDXA DXers Banquet at the Jacksonville Hamfest, August 2, 1980 at the Holiday Inn of Orange Park, across from the Hamfest location.

I enclose-_____ (at \$11.50 for each reservation)

Name _____ Call _____

QTH _____ CITY _____ STATE _____

ZIP _____ *The program starts at 6 PM Saturday evening and will feature slides of the Spratley Island DXpedition with Stu Woodward, K4SMX and a presentation by Bill Barr, N4NX, on the World Record 32 million point operation in the 1979CQ WW contest by VP2KC. Space is limited so make your reservations early. Other DX presentations will be on the program as well.



QFNS

By Dick Hill, WA4PFK

I'm pleased to inform all of you that Barry, WD4DNC is the new training officer/manager of QFNS, July 1, 1980 through June 30, 1981. WA4PFK is now the manager of QFN for the same term.

QFNS is a great net — it's tough to find the right words to express my appreciation for the conscientious service given by your NCS stations, QFN reps and net members — so I'll just say thanks! It's been a good year!

Congrats to Miss Phil, KA4FZL who made BPL in June — and to Phil, WD4HIF who passed the extra exam in June. Also WD4AWN is the new manager of the Tropical Phone Traffic Net — FB, Jan. Had an eyeball QSO with Gus, KA4LNA at field day. Gus is a 16-year-old high school student in Plantation.

New stations this month included: N4DHM, KB4FO, KA4KIZ and KA4LSX — KB4FO is in Ft. Lauderdale, the other three in Jacksonville.

Anyone wanting to know more about checking in QFNS and handling formal message traffic get in touch with WD4DNC or WA4PFK. We'll send information and try to put you in contact with a traffic handler in your area.

QTC stayed about the same this month, although total QNI was down. Still, there were many stations with high QNI: KA4LNA 27, WD4HIF 24, KA4FZI 23 and KA4ASZ and WB4FVV 21 each. WA4PFK had 30 — first time I've ever had perfect QNI for the month and didn't know it till I did the stats.

Remember your SAR to your SCM no later than 7:30 p.m. the fifth of each month — via the QFN rep or QFNS. See you on QFNS 3715 KHZ at 0000Z daily. Everyone welcome.

FLORIDA MIDDAY TRAFFIC NET

By Al Suhr, WB4AID

It is with humility that FMTN begins a new phase in its colorful and eventful history. We were asked to represent BOTH the Northern and Southern Florida Sections into the National Traffic System. This took effect on July 1, 1980. This required a change to the seven day operation which was authorized by majority vote on June 21st through 23rd where the vote was 51, Yes; 3, No; 3 Abstained, thus the question to extend FMTN operations to include Sunday was passed.

With this comes a new responsibility; the DOWN cycle of D4RN which we had never been required to do before. At this writing all slots are filled for D4RN Reps, with plenty of backup. To date this has been accomplished within members already on the rolls. Two stations from another net have joined with FMTN to help make up some of the weekend operations, those calls are: K4SCL, Woody and ASSOCIATE MEMBER, WD4AWN, Jan, this is very helpful. FMTN will continue to call a roll, HOWEVER, we have begun an ASSOCIATE MEMBER which carries voting privileges but does not require the call to be on the daily roll. Shortly those members on the rolls as variable will be changed to ASSOCIATE MEMBER, losing no privileges but the call will not appear on the daily system. This relaxation will reflect a time saver. Also, Net Control Stations will be stopping the time count for traffic purposes after informals have been assigned and before the daily roll is called. New member, KY4U, Mark of Merritt Island as well as KM4N, Bill of Tallahassee along with Carl, W4NFK; Loyd, K4AZM; Dick, WA4DXW; Woody, K4SCL and Jan; WD4AWN fill out the schedule of Reps into D4RN as primary — there there are those of the back-up team: N4UF, W4FZX, W4MEE, N4PL, N4KB, W4YCL. This is just D4RN. WD4HIF and WA4JDH round out the RN5D Reps with W4NFK as their back-up. Next time will be related the NCS people who make the whole thing work. THANKS TO EACH OF YOU FOR YOUR FINE COOPERATION.

FLORIDA PHONE TRAFFIC NET

by Bill, WB4WYG

The summer slump might be on as far as traffic is concerned, HOWEVER: check ins were still over the 1,000 figure for the month of June. Thirteen stations made the 100% bracket — so congrats to them and the other seven for a total of 20 stations checked in 80% or better. That means 41% of the roster. Now for those stations — and look 'em over.

WB4ADL	100%	WB4EXA	85%
W4IAD	100%	W4BKC	100%
WB4TZR	100%	WA4IWW	100%
W4DDW	95%	WA4PFK	95%
WD4AWN	85%	N4ET	100%
K4EJW	80%	WA4JDH	100%
W4BCZ	100%	WB4WYG	95%
WD4IIO	100%	WA4EYU	100%
K4BLM	100%	K4SJA	100%
WA4EIC	95%	W4FOE	100%

Your scribe got carried away last month and incorrectly listed WA4IOG — which of course should have been WA1IOG. Wes, down there in conch town, Key West, my apologies. Wes, shows that we really want you in this section.

John, W4KMN, is in Veterans Medical Center, Miami. Stan, K4BLM has a two meter schedule every night and is keeping the net advised. Due to vacations and sickness the manager made an appeal for Net Control Stations. John, WD4COL is helping out on Sunday mornings and Gary, WA4HHC, has taken over the Monday spot. Many thanks, with cooperation like that it sure makes a net managers job more comfortable.

Now that the weather is warmer K4AZM is back to help with Savanna traffic; and Warren, W4WGR of Orlando is checking in on weekends.

START YOUR HAM RADIO DAY THE FPTN WAY

GATOR NET

Douglas W. Ryan, W4MEE

N4WA, Walt, Tallahassee, is requesting contributions for the QFN bulletin, let's all get behind him, my contribution will be in the mail. Thirty-two stations and 661 QTC this month for the Gator Net, not bad. How about Phil, WD4HIF, number two trafficker this month, nice going Phil. Andy Clark, W4IYT visited LJ, WA4SCK and says he is O.K. but has dizzy spells and cannot check in traffic nets. All the best LJ from the Gator Net.

Glad to see the hams in Florida getting together with the termination of AFPN. One net is all we need at noon.

We hear Whee, W4LDM is seriously ill. We don't know if he is home or in the hospital. Waiting for your return Whee.

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TOP TWENTY TRAFFICERS

By K4SCL and AA4FG

1. W3CUL	2860	11. WD4COL	273
2. WA4PFK	753	12. W4LX	252
3. KA4FZI	689	13. N4PL	220
4. W4MEE	658	14. W4NFK	208
5. W3VR	557	15. WA4CRI	191
6. WD4HIF	512	16. K4ZK	169
7. K4TH	501	17. WB4TZR	161
8. K4SCL	421	18. W4IRA	153
9. WB4FVV	416	19. K4EUK	108
10. WD4AWN	338	20. WB4WYG	106

TRAFFIC HOUNDS

By K4SCL

NET	QNI	AVG.	QTC	SESSIONS	MANAGER	
GN	409	13.6	661	22.0	30	W4MEE
QFN	886	15.8	594	10.6	56	N4WA
FAST	902	15.0	400	6.7	60	WB4FVV
FMTN	1123	44.9	400	16.0	25	WB4AID
FPTN	1019	33.9	325	10.8	30	WB4WYG
AFPN	362	12.1	301	10.0	30	W4IRA
TPTN	593	19.7	195	6.5	30	WD4HXS
SWFTN	470	18.8	180	7.2	25	WA4HXU
QFNS	391	13.0	166	5.5	30	WA4PFK
PEN/RACES	238	9.5	112	4.5	25	W4GPL
FPON	577	19.2	110	3.7	30	WB4GCK
VEN	476	15.8	107	3.5	30	WA4CRI
SPARC	1093	36.4	100	3.3	30	K5IHH
GCTN	42	6.0	36	5.1	7	W4NFK
SBEN	66	16.5	16	4.0	4	KB4OW
MEN	118	29.5	14	3.5	4	WB4PIB
BEN	76	19.0	10	2.5	4	KA4LNA
DBTN	21	4.2	10	2.0	5	WA4CRI

Al, W3VR is burning up traps in his antenna. What are you doing over ther Al Query, HI. W4MEE burnt out a transistor in his power supply but we always carry a spare, so no problem.

Barry WD4DNC will be the new manager of QFNS and Dick, WA4PFK will be the new manager of QFN. Both are members of Gator. W4DVO can QSP Pensacola via sked with other stations. Jacksonville is well represented with WA4EYU, W4JL, WD4DNC, and WB4DTS also KB4B. We have another Clearwater station with John, WD4COL, as K4TH is not checking in much these days. Dick WA4DXW gives us an outlet to Gainesville, very good.

WD4HIF supplies an outlet to the Panhandle. With Regis, WD4IIO checking in we can cover Brooksville. Key West taken care of by Wes WA1IOG. RN5 represented by Harris WA4JDH of Alabama. Bill KM4N with 18 QNI in the Tallahassee area. Art WB4SNX in Carolina now so can't QSP local traffic. Walt KF4U on vacation but expect him back shortly, so we are short on Orlando. Let's keep Gator Net rolling. 73 Doug W4MEE.

27 MHZ PETITIONS

Petitions to expand 27 MHz CB band and to legalize the widespread unlicensed single sideband operations between the CB band and the amateur 10 meter band were considered by the FCC today. The ARRL had filed comments opposing the petitions. Last December, as described in March 1980 QST, page 73, the FCC had instructed its Private Radio Bureau to prepare a draft Notice of Proposed Rulemaking on the subject.

At the FCC meeting today, the draft was vigorously opposed by the Field Operations Bureau because of enforcement and interference problems. After extended discussion the Commissioners voted to have prepared a Notice of Inquiry seeking answers to many troubling questions before proceeding further with this matter.

ARRL will file appropriate comments when this Notice of Inquiry is released. In the meantime, the CB rules and the status of the illegal operators remain unchanged. (ARRL OB 73 7-1-80)

**FT. LAUDERDALE TO JACKSONVILLE —
10W 220 SIMPLEX**

By Ray Burbank, N4CXX

Tuesday night, June 17th, N4AIV called me to get on 223.5 simplex . . . Jacksonville was coming in Q5! Just after 9 p.m. that night Tom, N4AIV had heard WD4KFY calling CQ 220, Tom and Bil, WB4QKZ really lit up when they found out Bob, WD4KFY was in Jacksonville. Bob was using a beam but Tom was using just a vertical up 40 or 50 feet and only 10 watts out of his Midland 13-509. At my QTH the meter read half an S unit, but Q5 copy. After a while the band began dropping in and out so we all QSY'd to the Orlando 223.34/224.94 repeater where we continued our QSOs for another 20 minutes with S meter readings going from almost zero to an S7 plus. At times propagation was good for us into Orlando yet bad for Bob. Eventually WA4KKY came up on frequency from north of Orlando. We cleared the repeater and they went off on simplex.

I made five other contacts that night on the Orlando repeater. It surprised some of them:

W4GZT, Koester in Daytona was running the Yaesu 127R and a Colinear up 20 feet;

W4TKE, Walt in Gainesville was using an HR220, 7W and a 10

element beam up seven feet;

W4JNC, Dick mobile 20 miles north of Orlando. 10W and a 5/8 wave mag mount;

W4BRP, Bob in South Daytona. He was picking up Mexican TV on his regular UHF TV; and

WA4JNG, Hal in Fern Park, Florida. Had stacked beams up 45 ft. Could copy me simplex.

It was a great night for 220 propagation. I could also get into Tampa's 223.34/224.94 machine and also the Vero Beach 222.34/223.94 repeater although there wasn't anyone on them that late. At 8 a.m. the next morning I could still get into Orlando. Hal, WA4JNG talked me into also hooking up with him on 2M SSB. I run 7 watts out of my transverter and the home brew 11 element is only up 20 feet.

It was the first time I ever made it up that far along with a little help from W4NEE, Charles in Holy Hill. But the best achievement of the entire evening was simplex on 223.5 MHz between Jacksonville and Ft. Lauderdale, Florida . . . that's a good 300 miles as the crow flies! And Orlando is 180 miles!

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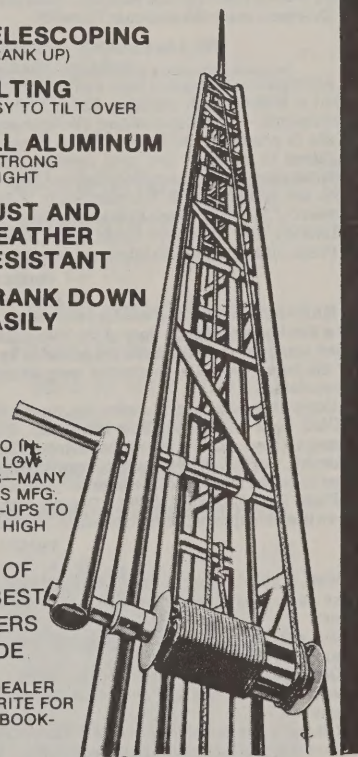
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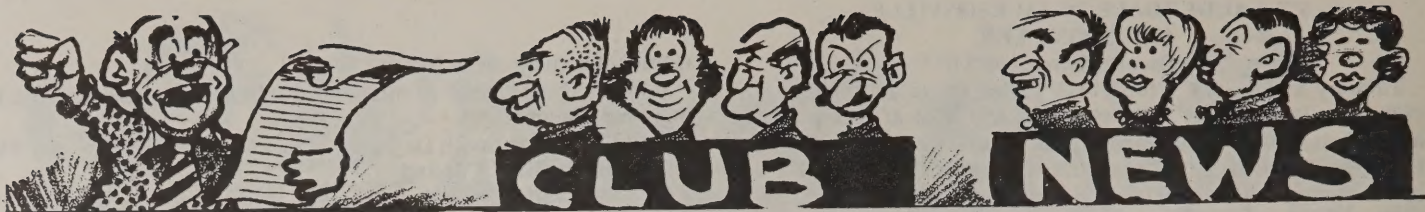
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SPARC & METRO CLUBS By Marie Adams, KA4BBB

Sparc regular meeting will be 8 p.m. first Friday of month at Red Cross Headquarters, 818 4th Street, North, St. Pete. Congrats Dorothy, KA4LDB upgraded to general. Good luck Sam, N4BGS had open heart surgery, 3 bypasses, doing well. John, WD4COL and Debbie, N4APZ had real nice 3 week vacation in Bermuda with Bill, VP9JM, John's father.

Field Day 1980 was rousing success thanks to Dick, WD4SCD who planned and executed a fun-filled 24 hour period. Thanks to all hams who participated by donating equipment. Special thanks to Owen, WD4MDX and YL, Millie for use of their brand new camper; Jack, N4DDJ and Alice, N4DDK for Motor Home; Dayle, W4MUV for Motor Home; and Bob, WD4SJQ for tent. Also and most important the hams who worked so long and hard in hot sun erecting and dismantling towers, beams, ground planes and long wire antennas deserve cheers and bravos for great job. Appreciate all operators who devoted time on air during Field Day exercise. We all learned a lot and had loads of fun. Thanks Eldean, KA4BBA for planning nice picnic supper on Field Day. Hope everyone saw TV coverage for Field Day. Faith, WA4WOU was main performing star and Dick, WD4SCD hammed it up a bit. We're ready for next Field Day with bigger and better plans and lots of enthusiasm. Field Day scores will be published next month.

Thanks to Lew, K4NE for interesting program on Syzygy Maximus. Congrats to Bob, KA4IHW and Milt, N4DGP for upgrading to Tech. Good luck George, KC4HU with new call. Thanks Billy, WA4QHE for interesting star and planet gazing night.

Congratulations to July 4th birthday boys: Rex, W4GPL; and John, WD4COL. John, WD4BAJ trying for big 2 kw sound on 2 meters. Ernie, WA4IIT having bad luck with equipment self-destructing. Lots of smoke in his shack these days. Frank, W4VIP and Don, W40JH enjoying nice vacation. Have fun and come home safely. Everyone enjoy the summer. 73 and 88.

HILLSBOROUGH AMATEUR RADIO KLUB (SHARK)

By Evelyn Menkemeyer, WD4RFL

Anticipation is running high and enthusiasm is spilling over. The reason? SHARK!!! That is Hillsborough Amateur Radio Klub. Our meeting date is the last Wednesday of each month — even this summer. We urge anyone knowing a person interested in amateur radio to please get in touch with us. Low cost memberships are available to persons eighteen or younger. Our next meeting will include a program on CPR. We will also finalize plans for an emergency net on Labor Day. We hope to set up in a busy part of town with the cooperation of the merchants of Ruskin. Elected officers are: President, Bill Howard; W4ABV; Vice-President, Bill Trimmer, KA4OCS; Secretary, Kay Pye WD4HHN; and Treasurer, Linda Ayala, KA4OEP.

Fresh ideas abound. Watch for us — we are gonna cause some harmonics.

HARS NEWS

By Roy Scott, W4UHF

HARS participated in Field Day activities, with approximately 15 members taking part. The location was the top floor of the Hilton Riverside Hotel. A three (3) element beam was used along with two transceivers powered by a generator set up in the open air on the roof of the hotel. Field Day activities were headed up by President Robert Kinney, KC4JJ. More details later.

Congratulations are in order for up-grading to Advanced Class by Robert Kinney, KC4JJ (new call), and Chris Hauswald, WD4JSE. Bill Evans, KA4MEM upgraded to General Class. Quite a few of the members have been attending classes conducted by Ray Murphy, W4BNE, who in spite of regular instruction classes at local schools, always finds time to put on these special classes of instruction. Thanks Ray!

Plans for TAMPA HAMFEST October 18th and 19th at the Ft. Homer Hesterly Army have been completed. Watch for ads in FLORIDA SKIP. 73.

TAMPA ARC

By Kay Pye, WD4HHN

Well, y'all, summer is here and Field Day is over. I tried to get results so I could say that we beat our competition but the results are not available yet, so we will just have to wait!!

We operated two stations on gas power. A good time was had by all and Gordon did his usual good job with the eats.

Our annual picnic is scheduled for August 10, 1980 at 2 p.m. at the TARC Club House. Please come for one last eyeball of the summer and bring a covered dish and cans of whatever.

I thought our member, KR4X's XYL would cooperate and deliver that little harmonic before this deadline, but as of deadline have heard nothing, so until the September issue, this is all from WD4HHN; 73 and 88 and have a happy summer.

S.H.A.R.C. TAILS

By Gary Gardner, N4AXN

The Sky High A.R.C. is proud to introduce to the amateur community: Brick, KA4PUB; Garney, KA4PNX; Barbara, KA4PTU (My XYL!); Walt, KA4PTW and his XYL, Lillian, KA4PTV.

These newly licensed and inspected (hi!) novices will be roaming the airways so if you hear them calling CQ please return their call and keep the speed down.

Our Field Day was a success. We won't know the final standings until October, but we had a lot of fun and enjoyed radio and each other a lot. Terry, WD4PJS, brought his new homemade over/under 15/20 meter 4 element beam. It worked fine after we finally found the discontinuity in the shield of the coax. Woody, W4IIR, used an automatic keyer on 40 and 15 CW and this operator was extremely impressed with the ease of operation. Woody and I cleaned out 15 meter CW about 0400 edt Sunday. George, KA4MBT, using his T4XB/SB301 pair and with the help of Walt, KA4PTW and Lillian, KA4PTV, worked 24 hours of novice CW. Of course, Don, W4SVS, was at home on 20 meter phone and proceeded to work a flock of contacts, Carl, W4VRC, and Travis, WD4JTC, made an impressive stint on 20 meter SSB on the mid-shift. The most impressive operation was Tony, W3JYL, on 6m SSB. In about 4 hours of operation, he made 39 contacts including VE3's and VE4's.

I am curious, as you will be, as to what happened to Ed, WA4WVY. He set up 2m SSB, with 4 phased colinear beams and suddenly declared he needed an amplifier and left, not to be seen again until Sunday a.m. Claims he was talked back to work, but . . . One of the greater mysteries of our Field Day.

6 / FLORIDA SKIP, August 1980

NORTH FLORIDA NEWS

I am looking forward to working with all members of the NFL section. Asst. SCMs have been appointed as follows: WB4QBB, Pensacola; WD4ASW, Gainesville; WB4SP, Maitland/Seminole County; WA4CRI, Volusia County; W4FZX, Orlando. New Appts. KB4LD, OES; WD4DNC, NM. Despite bad condx, several good scores during FD. FFARA, NOFARS, and Hogtown Hammers along with LMARA report high scores. GCARC active as well with "Pot Luck Dinner" hosted by KC4CP.

Volusia Skywarn Net called for first time on May 25th with WD4OSS NCS and 20 stn participating. Halifax QCWA doing well after only 3 months. Hernando Co. ARA had program on hurricanes and tornados. BARS ran 2A in FD and had nice feature on TV news. Group now meets in Neptune Beach City Council Chambers on 4th Thursday K4BT gave OPARC a 2500W generator and that club now has over 70 members. WD5HOV now Extra Class.

Pensacola area DXers use 146.55 simplex. FFARA will hold Ham-a-Rama Sunday August 31st. New officers of TARS are N4WA, president; KA4KYM, vice-president; KA4ELI, secretary; and KA4DCF, treasurer.

Tally and Perry hams helped with canoe race. W4WGR helped install 30 foot telephone pole antenna support at Orlando NWS. 73 N4UF SCM. N. FL.

FLORIDA YLS

Cathy Soehl, W4BAV/ARNS

Regret to report, after announcing WB4BXN, Nesta's OM received his new call of KC4GX. He received the shocking news he had joined the Silent Keys; never used the call.

WA4LQV, Sheila, Floridora President, has upgraded and is now N4BZG. Congratulations, Sheila.

WB4NYN, Micky has sold her house and moved into her apartment; address now: 223 Tellidora, Shell Point Village, Fort Myers, 33908. Micky is doing very well, driving, etc.

Welcome to W8FJU, Dorothy Urban; KA4MJZ, Shelley Sefirstein; KQ4R, Dorothy Conklin, who joined us sometime ago and welcome back to K4NSY, Madlyn Hutchins, Florida No. 127, who forsook us a/c other activities. She is an avid bridge player, taught it and now teaching a code class. Nice work!

W4BWR, Ruth checked into the Net, after a long silence, on her new Drake TR-7 Transceiver. Good Signal, Ruth.

W4FE, Floridora Club Station is now being heard on the air, as WB4FQX Helen finally received license as our new Trustee. K4RHL, Ellie held the office for many years and we thank her for the years she put in and regret her resignation, on account of family and other pressing activities. Thanks, Ellie.

K4KUU, Maxine and OM, W4JL, Jim off to attend a Convention in Minn. and Iowa. Happy flying and good meetings.

INDIAN RIVER RADIO CLUB NEWS

By Bill, WB4WYG

Your regular correspondent Jim is on vacation, so now hear this — from a substitute. The I.R.A.R.C. again did have a full house and several late arrivals had seats down front on the floor. All this after having an auction in the parking lot, made possible by the cooperation of K4TF, K4KI, K4YS, AA4MI, N4ADG and the truck driver Jim, W4CUQ. They made the trip to Jim Moore's, K4QKA garage and loaded the truck. All those goodies were on display and the club members were sure picking things over. When the final total was made the auctioneers had a donation of \$51.00 for the club treasury.

Russ Scott field day chairman lead a discussion of generators, food, cables and all associated equipment, with Jack Elliott giving instructions to operators and logging operations. Seems as if all is under control for a real good day.

Bill Eppley, our chairman of door prizes, really outdid himself this month. Along with all the other goodies he gets on sales he came up with a portable electric drill; and as if that was not enough there were drill bits to make it work together as a complete unit.

Mal Massie is on vacation so Gloria — XYL of W4LJB — made the coffee. Thank you Gloria, so nice of you to step in on such short notice.

Now to top off a real good evening Guy Blencoe, W4HVU GAVE us the story of his one man DX expedition to the island of Antigua.

Guy gave us a blow by blow description of the strains and trials of preparations — the anxiety of departure — the "Thrill" of C-141 air travel (yes, they still use ear plugs) and the frustrations of getting a ground rod into the hard earth of Antigua. Due to weight and size restrictions of air travel Guy took along Worth Gruell's, (W4ZG) Atlas 210 and a 4 BTZ vertical. However, all former vicissitudes were forgotten when W4HVU/VP2A went on the air and the pile ups began. Guy told us he did not move off one frequency for a 40 minute period. This really put the Beachcomber Motel and the Island of Antigua back on the map again. Colored slides taken by Guy during the 9 day expedition filled out and made real the story of Antigua and DX operations.

QSY TO PAGE 8

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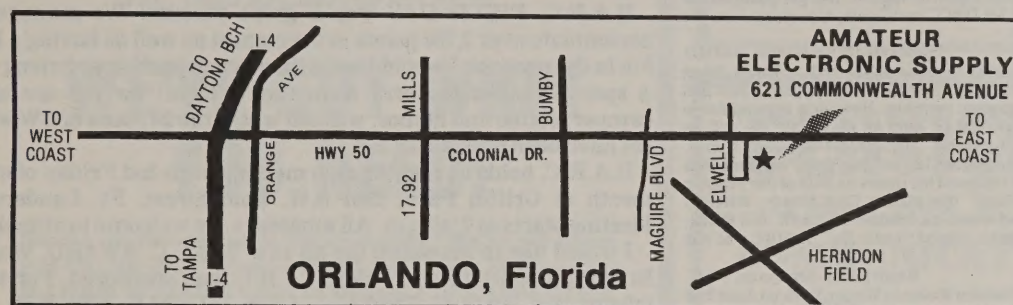
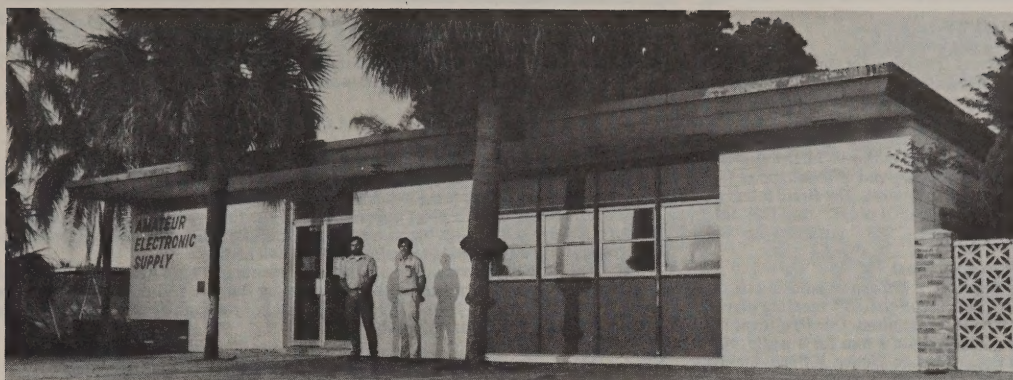
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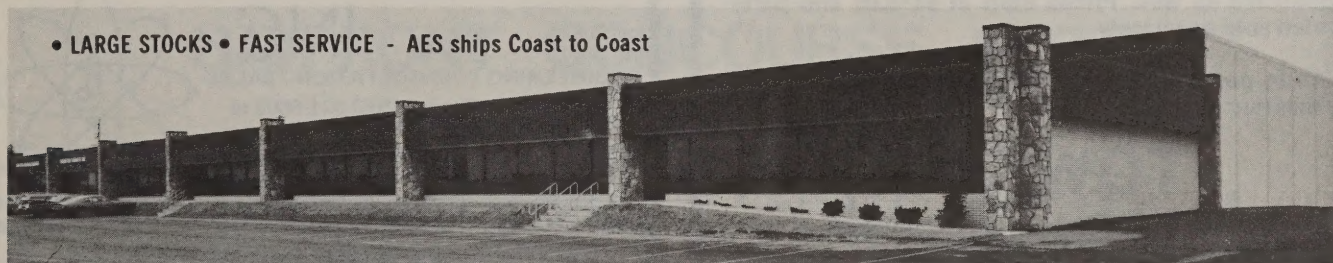
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STATE QCWA NEWS

Edited By Eli Nannis, K4JMH

There is very little news coming out of headquarters. The Board of Directors meeting at Dayton was reported in the QCWA News. I am physically able to pound the typewriter again so come on chapters, send me the news. Did you even wonder about the origin of the QSL card? The person who sent the first penny postcard reporting signals from a radio station may never be known, but on page 25 of QST August 1919, Don Hoffman, 8UX, suggested that amateurs design a distinctive card for that purpose. In December 1922 issue, ARRL requested amateurs to submit cards for judging and offered a prize for the best design. In June, 1923, they reported the results of this contest. The first station photo showing cards on the wall appears to be that of 1XM on page 51 of QST July 1921. Station photos showing cards were rare until 1923. In 1925, the term "QSL" replaced the "Signal Report Card".

State QCWA/et meets now on 7255KHZ at 12:30 p.m. Join us!
GATOR CHAPTER: Not much good news from our chapter. We are still looking for a new meeting place. We have quite a large chapter and its difficult to find a meeting place in a central location which will keep traveling distances to a minimum. Our President Harry Cole, W4DLL has a physical problem which could incapacitate him for a while. He has turned over the duties of President to the Vice President Lou Weber, K4HWS until such time when he is able to resume his duties. We are all hoping for a quick recovery. Not too many Gator members listed in the 1980 QSO party. Come on fellows, lets get going on the next one. Jim Keyes, K4FCW recently received his DXCC certificate, nice going Jim. We also have a new member, Virgil Lewis, W2NXW.

Reported by Eli Nannis, K4JMH

GATEWAY CHAPTER: Our chapter held its May meeting on the 17th at Uncle Johns Pancake House. Thirteen members and 4 guests were present. The chapter voted and passed to make Sherman Lampl, K4IKS an honorary member. He is in a nursing home and unable to attend meetings. Larry Garland, W4LIN died on May 12th. He will be greatly missed by our chapter. Jim Dixon, W4JL, Archie Curtin, K4BT and John Norris, W4IWF all returned from the hospital and are doing much better. Our Vice President, Bob Cutting, W2KGI has completed moving and has resumed his duties as NCS of our chapter net. Andy Anderson, W4HCY lost his XYL "Toots" this month. Dick Reddy, WB1ELI showed slide pictures of his visit to Easter Island where his brother is CEOAE. Bill Black, K4BSN joined our chapter at this meeting. We have missed "Little Bo", W4HRC who has been ill.

Reported by Jim Dixon, W4JL

CITRUS CHAPTER: Our chapter met at the Sweden House in Winter Park on June 21st with 38 members and guest present. In the absence of our chairman G3DKS, away in England for his brother's funeral, the meeting was conducted by our new Vice Chairman, Ray Reisinger, K4KHP. Chalmers reported that our Citrus Repeater will probably be on the air next week on 147.825/.225. Mrs. Haburton, wife of S.K. Ralph, K4DZ presented his entire station to Valencia Junior College. Dr. Gross, chairman of the Valencia College Foundation accepted the equipment for Valencia and will be used by the college as part of a new communications program. QCWA members were asked to help in this program due to their vast experience in communications. This is the first college program of its kind in the State of Florida. He suggested a formal presentation at the ARRL Convention. The meeting of the Florida Council and the officers of Citrus at a meeting on June 14th firmed up the QCWA National Convention items. The QCWA luncheon will be hosted by the Suwanee Chapter and it will be directed by Carl, K4WJ and Hal, K4JCJ. The Ticket

Chairman is Hal, K4JCJ, 815 Hemlock Street, Inverness, Florida 32650. Price \$7.00. The Luau at Seaworld is in doubt due to the extremely high price. Unless Seaworld comes down in price, we may have to cancel the Luau. Don't forget our splendid CW Net on 7035 each Wednesday at 1:30 p.m., good fists and a great bunch of O.T.S.

Reported by Bill, W4PI

FELLOWSHIP ARC

By Jack Alexander, WA4YLB

Mr. Terry Wiley WA4QLQ has been appointed Trustee of our repeater 147.81/147.21 effective this date. This appointment came about because of the necessity for AF4S Steve Gordon's resignation as Trustee. Steve will continue as a most valued member of our Organization and we are most appreciative of the fine service he rendered to our club. Unfortunately Steve's vocational commitments made it impossible to render the time necessary for him to continue serving our club as Trustee.

We would also like to announce that the July meeting of our club at the Amerifirst Bank Building in North Miami will be the last meeting that we will meet at this location. Effective August 19th the club will hold its monthly meetings at the Osteopathic Hospital 1750 N.E. 167th St., N. Miami Beach.

BROWARD AMATEUR RADIO CLUB

By Ruth, KA4AEV

B.A.R.C. FIELD DAY was a great success! We managed to accumulate over 3,700 points in the contest as well as having a lot of fun in the process. I would like to thank each participant along with a special thanks to Jerry Kein (not a Ham) for the use of his camper, coffee and humor, without which the 24 hours of CW would not have been possible.

B.A.R.C. holds its regular club meeting each 2nd Friday of every month at Griffin Park, 2901 S.W. 52nd Street, Ft. Lauderdale. Meeting starts at 7:45 p.m. All amateurs are welcome to attend.

I would like to announce the all new W.B.C.C. AWARD, Worked Broward County Cities, which B.A.R.C. has sponsored. For more information contact: Fred Van Aalst, WD4RAF, 1921 N.W. 41st Street, Oakland Park, Florida 33309.

SUN CITY CENTER A. R. C.

By Jim Gundry, W4JM

The Sun City Center Amateur Radio Club has been formed with nineteen charter members. Officers are: President: Ronald Smith K4AHE; Vice President: Svend Gormsen, W4SZ; Sec/Treas. Paul Kindy, W8UKT.

The Club's purpose is to provide emergency communications for the community. The Sun City Civic Association has provided facilities for the Club station and antennas. A fund raising drive has attained 50% of the \$4,000. goal. The money will be used to purchase the latest type HF/VHF equipment.

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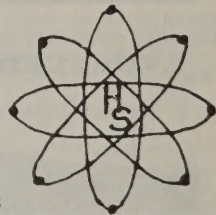
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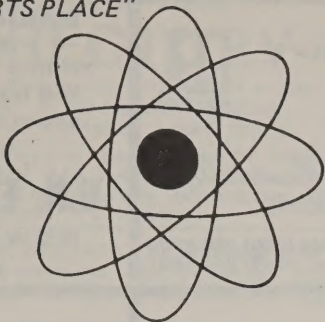
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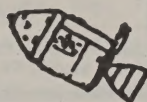
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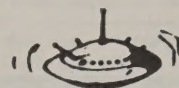
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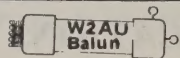
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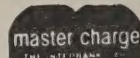
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AMERICA RADIO CLUB. WD4NLG/R 146.13/73. Bilingual Rptr. Net meets each Tues. 8 PM. Club meets 1st Wed. of month. Emergency 14,280MHz- 7160 MHz. (Back-up Rptr 144.75/145.35) Mail: Box 651004, Miami, FL 33165.

AREC REPEATER GROUP Inc 07-67, WA4ARE/RPT, PO Box 532 West Palm Beach, FL 33402. Breakfast 10 a.m. every Sunday at Clock Restaurant, North Dixie, Lake Worth, FL. All amateurs welcome

BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs 730 p.m. at Sunshine Federal S&L. WB4GIM/RPT 147.165/765, weekly net Mondays 8 p.m. More info on BARS call 677-2852.

BREWARD REPEATER ASSN. Inc. WR4AFI, 28-88, Cocoa. 146.43/147.03 Cocoa Beach. Meets 1st Mon. 1930E 1st Nat. Bank, Merritt Isl. SR3 & 520. Mail: 1003 Woodsmere Pkwy, Rockledge, FL 32955.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB, WR4ADU 146.31-91. 2nd Fri. ea month 7:45PM, Griffin Pk, 2901 SW 52nd St. Ft. Lauderdale. Mail: Ken & Ruth Burg KA4AES-AEV Co.Sectry, 2611 SW 58 Manor, Ft. Lauderdale, FL 33316 966-1880.

LAKE AMATEUR RADIO ASSN., Inc. K4FC meets 1st & 3rd Thurs 8 PM, clubhouse Springdale Ave. Bassville Park. Mail: c/o J. Tolliver KA4HDH, 1310 W. No. Blvd. Leesburg, FL 32748 753-4585.

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF. Meet 2nd & 4th Fri. at 730 p.m. Upper Pinellas County Red Cross, 624 Court St., Clearwater, FL Mail: Box 6473, Clearwater, FL 33518

COLLIER COUNTY AMATEUR RADIO. MEET 730PM 3rd Tues. at Coast Federal Savings & Loan, 2400 N. Tamiami Trail. Mail: Al Simpson, 1131 Milano Dr., Naples, FL 33940.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8 p.m., 3280 S. Miami Ave., Miami. Mail: P. O. Box 350045, Riverside Station, Miami, FL 33135.

EVERGLADES AMATEUR RADIO CLUB, W4SVI. Meets 2nd Fri. each month 8 p.m. at Dade County Agricultural Bldg., 18710 SW 288th St., Biscayne Dr., at Redland Rd., Homestead, FL 33030.

FELLOWSHIP AMATEUR RADIO CLUB. Meets 3rd Tue., Osteopathic Hospital, 1750 NE 167th St., No. Miami Bch. 7:30PM. 147.81/147.21 WA4QLQ/R. Mail: P.O. Box 680284, Miami, FL 33168. All welcome

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL. Pres. K4BZS, VP WA4KKY, Tres. K4KE Sec. K5FOG, Freq Coordinator, Al Friend W4CF, 631 Lake Meggorie Blvd., St. Petersburg 33705 phone 813-866-2091 before 10p.

FLORIDORA YL'S, W4FE. Pres. N4BZG, Sheila Smith, 1636 South Page Dr., Deltona, FL 32763. All Fla. YL's & XYLs are invited to join. Net ea. Tues. 9AM, 3933KHz. (See box ad for details.)

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV meets 8 p.m., 3rd Monday monthly, American Red Cross, 341 White St. Daytona Beach, FL. Bring a friend.

GOLD COAST FM ASSN. Inc. Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730p.m. WR4ACV, 146.22/82. Traders Net 8.p.m. WB4UFA/RPT. Meets 4th Mon 730p.m. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy., Ft. Lauderdale, FL. ALL WELCOME!

GULF COAST AMATEUR RADIO CLUB Meets 3rd Thurs 730pm at SW Pasco Fire Dept. Hwy 595, Holiday, E. of US19. Repeater team meets 1st Mon. 8pm at Clearwater Fed S&L Bank, Southgate shopping Center, New Port Richey. Mail Box 595, N.P.R.33552

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ, Meet 4th Wed., 730 p.m. Pan AM Bank Bldg, Sulfur Springs., Mail: P.O. Box 271003, Tampa, FL 33688 Phone 813-886-2666.

HOLLYWOOD AMATEUR RADIO CLUB. Meet 3rd Mon. 730 p.m. Washington Fed. S&L Bldg. Rm. AB450 N. Park Rd. Hollywood. Mail: Box 6306, Hollywood, FL 33021. WB4TON. Visitors welcome.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tues. 1st National Bank, Merritt Isl. 730 p.m. Mail: Box 5, Cocoa, FL 32922.

JACKSONVILLE RANGE ASSN. K4YLX/RPT 146.16/76 & 146.28/88. Meets 1st Tues. 730 p.m. Rm. 114, Jacksonville Univ. Mail P.O. Box 10623, Jacksonville, FL 32207. Bring a friend!

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8p.m. 2nd Tues. Sportsman Inn, No. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040 Phone 296-2723. Most southern RC.

MANATEE AMATEUR RADIO CLUB. Meets 4th Mon. 7:30 p.m. each month at Red Cross, 2905 59th St. W. Club call K4GG memory Earl Dannals. Mail: P.O. Box 9485, Bradenton, FL 33506

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730 p.m. 1st Presbyterian Church, Ocean & Monroe St. Jax. Mail: Ed Palagyi WB4QVK, 176 Tallulah Ave., Jacksonville 32208.

OLD OLD TIMERS CLUB (OOTC) Florida chapter. Net meets ea. Sunday 2 p.m. on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 S.W. 64th Way, Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB. W4PLB 146.22/82 146.16/76. Meets 3rd Wed. ea. month 1st Fed. S&L Community Rm., Edgewater Dr. 730PM. Info: Donald P. Allgor KC4DU, 305-298-6656 or PO Box 7367, Orlando, FL 32854. All welcome any time.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd. Mon. ea. month. Red Cross Bldg., 1150 S. Hickory St. Melbourne: Mail Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB. W4ZBB. Meet 730 p.m. 1st & 3rd Thur. WR4ABZ 146.19/79. Mail: Box 873, Ft. Walton Beach, FL 32548. SWAFFEST Mar. 22-23, 1980. Plan on it.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 a.m. Twistys Restaurant, Cape Coral. Left at light at W. end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER. Meets 2nd Sat. Noon Sept. thru May at Hilton Inn, I-4 & US98 in Lakeland. Net Sat. 1000AM 7240. More info: Jim Gundry, W4JM, Pres. 813 644-3435.

QCWA CITRUS CHAPTER. Meet 3rd Sat. Sweden House, Lee Rd., in Winter Park, 11:30AM. Chrmn K. Street G3DKS/W4; K4KHP, R. Reisinger V. Chrmn; Bill Waldo W4PI, Secty; Bob Ragsdale, W4AJX Tres. Net 9:30AM Sat. 7290 kHz. Join us.

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info see Skip news or call Roy McCarty W9KA, 305-731-4145.

QCWA GATEWAY CHAPTER. Net Sat. 11AM 7230. Luncheons 3rd Sat. Uncle Johns Pancake House, Bch Blvd., Jax. Pres. K4SP, VP/NCS W2KGI, Info: J. Dixon W4JL, 39 E. 59th St., Jax 32208.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon sweden House, Clearwater, Hwy 60, Gulf-to-Bay. Weekly net Sat 9: 30 a.m. 3920. Eli Nannis K4JMH, 14996 Imperial Pt. Dr. N. Largo, FL 33540.

QCWA PALM BEACH CHAPTER. Meet 1130AM, 4th Tue. Sweden House N. Palm Beach. El Hermanson W4CQL Sec/Trea. 8031 Pine Tree Lane, Lake Clarke Shores, FL 33406 Phone 305 582-7704.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat. of odd numbered months, Noon, Chateau Bleu Inn, 1111 Ponce de Leon, Coral Gables. Visitors welcome. Net, 28950, 730p.m. Thursday.

QCWA FLORALA CHAPTER. Meets Noon 2nd Sat. ea. mo. at Fat Boy's BAR-B-Q near Ft. Walton Bch Fairgrounds. Pres. Mac McCallum WA4IWW, Sec/Tre. John Lakin W4MMW, 10 Linwood Rd NW, Ft. Walton Bch, FL 32548. Come Join us.

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Daveys Locker Room of Windjammer Rest. 7100 S. Trail US 41 1st Wed ea. mo. Oct. Thru May. Info: W. Blaksee 953-7616.

QCWA SWANNEE CHAPTER. Net Sat. 3940, 9AM. Pres. C. Coleman K4WJ, VP E. Cain WILFE, Sec/Tres. H. Carpenter K4JTJ, 815 Hemlock St., Inverness, FL 32650 Phone 904-726-7497.

QCWA TREASURE COAST CHAPTER. Chmn I. Roach K4QM, Sec./Tres. G. Russell KB4OC. Lunch 2nd Thurs. at Sheraton Regency, No. A1A, Vero Beach. Mail: P.O. Box 3088, Vero Beach, FL 32960.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE, meets 3rd Tues. 8:00PM, RM. A-9 Sarasota Jr. Hi School. Sarasota Hamfest 3rd week-end each January. Mail: P.O. Box 3182, Sarasota, FL 33578.

o to page 14

"VHF'ERS ROOST"

By Frank Shannon, K4GT

"Your Sigs are 5 Candle-Power". No, this is not CB jargon — it is being heard, lately, on 2M FM. This method of reporting signal-strength seems to be associated with the most recent invasion of the Ah So" 2M FM transceiver known as the Azden PCS 2000. Instead of the normal S-meter, this has been replaced by a horizontal arrangement of tiny lights, there are five of them. So, a signal lighting-up one light would be reported as "1 candle-power," etc. These same lights indicate transmit power — high or low power. Novel, eh? No meter-needle to stick!

Binnacle List. This column received a nice letter from Nancy Schreiber, wife of USAF MARS member, Ralph Schreiber, thanking for cards, etc, sent to Ralph at his Maryland address. For those who did not note his latest mail address (given in July issue) here it is: 6437 Weems Avenue, Dunker, Maryland 20754. Nancy stated that Ralph is in the hospital for the third time since moving to Maryland from his former St. Petersburg-Tampa Bay area. His illness is of the very serious type, your cards will be appreciated.

Club Publications. This column is still receiving "Naples FM Association News", thanks to President Glen Dagley, WA4PXH and associates. By the time you read this, they will of had their annual picnic at Wiggins Pass State Park, July 13th. (Ye Scribes 79th birthday!) This column sends 73 to all in Naples. This column appreciates newsletters (publications) from clubs, etc. Your club news will assist this column coverage. MARS, Military Affiliate Radio Systems. Recent inquiries have reached this column to warrant repeating some of the information appearing in recent issues. Holders of FCC amateur licenses, regardless of class, over 16 years of age, can join either one of three MARS systems, USAF, NAVY or ARMY — only one system at one time. Following an initial "on-the-air" training period, the new member-affiliate is further assigned to a net or activity. This assignment can be made on basis of your location and equipment, either HF or VHF military radio-frequencies. At present, these affiliate-members (USAF) are authorized to use these military-frequencies, regardless of their individual FCC license classes. Ye Scribe is a member of USAF MARS, and, our mail address is: 140 Bosphorus Avenue, Tampa, Florida 33606, should you desire application forms, etc. This SKIP magazine carries individual columns for USAF, Navy and Army MARS activities — Read these MARS columns, you might desire joining! Furthermore, you may desire writing direct to the aforementioned columnists for the latest information on their respective MARS activities, etc.

Hitler N' Thicker. K4NE, Lew Sieck, St. Petersburg area, will spend a few (some of our hottest Florida weather) months in the cool climate of North Carolina. Lew, joined by other QCWA members, has just organized a new chapter in South Pinellas County, it is to be known as the "Pelican Chapter". At present, it is planned to hold monthly luncheon-meetings on Wednesday, thus permitting Lew to attend other QCWA chapter meetings during fall-winter-spring seasons. Lew is on 2FM, 6M SSB and HF. SMIRK. This "International Six Meter Club" is gaining new members at an ever increasing rate! Yes, here in USA and overseas! It's quite "normal" to hear the challenge "What's your SMIRK number?" on 6M SSB. In addition to their annual 6M VHF contest, they issue certificates for increments of SMIRK stations worked. In case you are interested, write K5ZMS, Ray Clark, 7158 Stone Fence Drive, San Antonio, Texas 78227. Be certain to enclose SASE for reply! This information is repeated, due to constant inquiries.

CU next Skip. Tell a Friend to subscribe to Skip!

SATELLITE ENTHUSIAST

By Jim Tumilty AMSAT*

With the failure of the Phase 3 launch vehicle, AMSAT is in a "where do we go from here?" situation.

The loss of the Phase 3 satellite was a tremendous disappointment to all of us as well as a serious financial blow to AMSAT. A successful launch, it was hoped, would swell the membership and bring in much-needed dollars. Well, Phase 3 obviously won't do it now and alternate methods are necessary. Any suggestions?

Effective June 1, Tom Clark W3IWI, will assume the AMSAT presidency. Tom has solicited input from the membership. Let's give some! I think he will be very responsive to comments. Also, give some thought to best utilization of the current satellites A07 and A08. They are all we are going to have for a while.

Additionally, there may be some benefit to further organization of our SEASAT (Southeast Amateur Satellite) group. Abilities and resources could be pooled to effectively promote AMSAT and amateur satellite operation, education, improve technical ability and engage in fund raising. What are your thoughts?

Would appreciate your comments and suggestions via letter or on the Sunday morning net. I will forward all input to Tom Clark at AMSAT.

Remember, we have moved the SEASAT Net to 7280 Khz. to encourage General class operators. Where are they anyhow?

SEASAT NET — SUN. 0800 EDT — 7280 Khz.—W4MID Net
*3519 Crystal Lake Ave.,
Orlando, FL 32806

Editor, FLORIDA SKIP;

I'm bothered by the fact that a group of most dedicated guys and gals are working their buns off, to promote and sustain a most unorthodox non-profit enterprise, known as Florida Skip!

I've racked my feeble mind of where recipients as myself and the subscribers of Florida Skip can in some way show a sustaining gratefulness. This act would have to be within the framework or grid of the rules and regulations of a non-profit corporation.

It's known hams are cheap (takes one to know one), but deep-down inside, the average ham has a heart of gold. I can't help but feel that others have had the same "vibes" as myself, but were at a loss as to what to do. Here's your chance.

I'm not suggesting that we as subscribers promote a two-week, all-expense paid trip to Switzerland for the Florida Skip workers; but something within reason, although perhaps inequitable to the efforts expended. I have in mind a fund to cover the work session refreshments or a yearly whing-ding banquet. My check for \$5.00 is enclosed to establish a "Kookie Koke Fund", administered by none other than that great guy, Andy Clark, W4IYT.

What say gang, will you loosen your hold on a few deflated bucks? I hope so, as in unity there is strength, and it's a most worthy cause. God bless everyone, especially all participants of Florida Skip, and Andy, you're not excluded!

73 from a Golden Rule advocate
Norman W. Aiken, W8LJS
1309 Tropicana Circle
Apopka, FL 32703

Dear Sir:

I passed the General Test Jan. 2, 1980. Received my Technician Interim Amateur Permit. On my F.C.C. Form 610 I forgot to fill in block 5. (Station Location for fixed operation.)

F.C.C. at Gettysburg returned it to me Feb. 21, 1980, and I filled the space in and returned it to them. It was returned to them Feb. 26, 1980 with the month they gave me. In fact, it was returned within 10 days.

Today I heard from a fellow ham that the computer at Gettysburg had broken down, and it will be another two months before we receive our license.

Sure would appreciate it very much if you good people have any information on this and let me know.

Thank you kindly,
John L. Kelly KA4HDB
6840 S.W. 8th St., Lot C-306
Miami, FL 33144

SIMULATED EMERGENCY TEST

The Annual Simulated Emergency test, sponsored by ARRL, has been rescheduled from early October to the third weekend in October, this year the 18th and 19th. This adjustment avoids conflicts with several other early October events and with the Canadian Thanksgiving celebration. Individual groups may, of course hold their SETs on any two-day period between September 1 and October 31. (HR REPORT)

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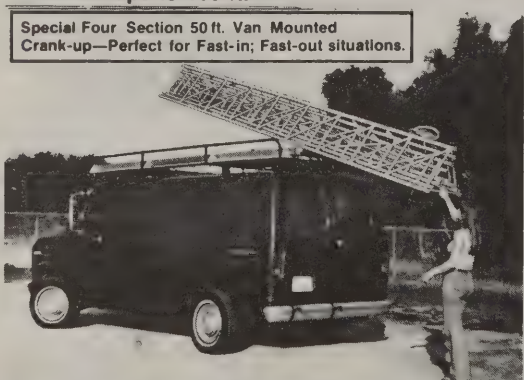
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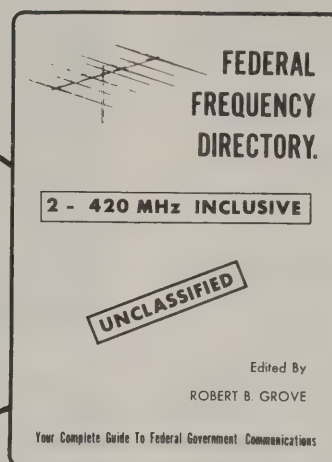
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Q. Isn't such a revealing book a threat to our national security and federal law enforcement?

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SOCIETY OF WIRELESS PIONEERS (SOWP) EDISON CHAPTER.
Meet Sun. 2 p.m. 7053 kHz. Bill K4TF, CHOP. Info about SWOP:
Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WB4MCK/R 146.16/76 KB4KW/4
146.40/147.00. PO Box 430025, Miami, FL 33143. Meet 1st Mon.
Place rotates. Call Judy WD4PMK 226-9272 days or 233-9733 eves.

ST PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meet
8 p.m., 1st Fri., Red Cross Hq., 818-4th St., Mail: Box 4026, St.
Petersburg, FL 33731. All Welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG, meetings 1st & 3
rd Monday 7:30 p.m. Club House, Davis Isle. Columbia & Barbados.
Mail to: 2301 Scammell Ct., Apt. 1042, Tampa, FL 33612.

TEN-TEN INTERNATIONAL NET. Central FL Cypress Chapter
meets Wed. 8p.m. on 28,665. K4TSY Chapter Head. For Cypress
certificate work 5 holders, send log info & \$1. to Bob Lucus,
K4HTU, RD2, Box 2630, St. Cloud, FL 32769.

FORT MYERS AMATEUR RADIO CLUB. Meets 1st Wed. each
month 7:30 p.m., 1st Fed. & Savings 121 Pomedella Rd. SR78A, No.
Ft Myers. Mail Cash Luzny W4MPV, 4286 St. Clair Ave. F.M.33903.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd
Thurs. monthly 7:30 pm, clubhouse on First St., Ft. Walton Bch.
Mail: P.O.Box 873. Ft. Walton Bch 32548. WR4ABZ on 146.19/79.

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WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, PO
Box 6834, Southboro Station, W. Palm Bch 33405. Meets 1st Wed.
ea. month 730PM 823 Neward St., WPB Phone 588-1148

ZEPHYRHILLS AREA AMATEUR RADIO CLUB: Meets 1st
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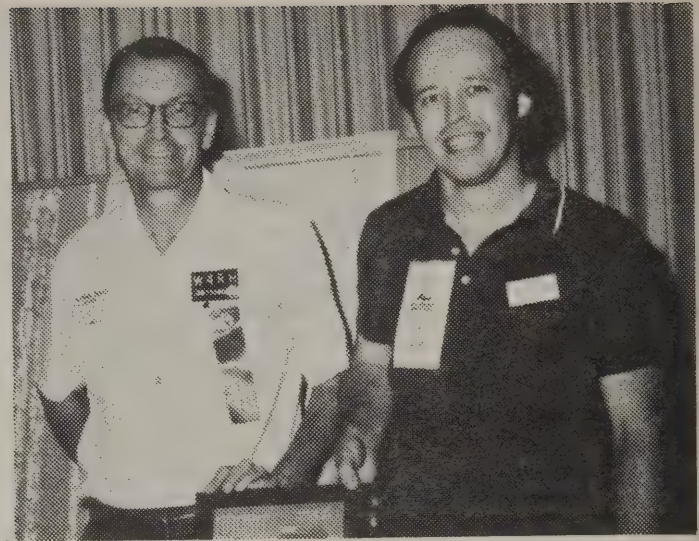
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Frank Butler W4RH, (L) our new Southeastern ARRL Division Director display K4KI's QST's Cover Plaque Award with newly elected SCM of Northern Florida, Billy Williams, N4UF at the Daytona Beach hamfest. Congratulations to both on their new office and we are sure they will do a "SUPPER" job in their two year term. (Photo via W4RH)

HOW TO LOCATE RADIO OR TELEVISION INTERFERENCE IN THE HOME

By Larry, AAR40E

1. Go to your main fuse or circuit breaker panel with a battery operated transistor radio tuned between stations and listen for the noise. (If at night or in an enclosed room, be sure to have working flashlight with you.)

2. If the noise is present and corresponds to the disturbing interference, shut off all power to your premises by opening the MAIN circuit breaker, switch or other enclosed service disconnect. Do not attempt to remove cartridge fuses or operate exposed or open-type disconnects if physical contact with the electrical circuit is at all possible.

If the noise on the battery operated radio stops the source of interference is within your own premises.

Restore the MAIN circuit breaker, switch or disconnect.

3. Assuming the noise stopped while your electric service was off, you can now locate the noise source.

While monitoring the transistor radio as before with the noise present, open individual sub-main circuit breakers one at a time until the noise disappears.

You must now determine what has been turned off by going from room to room, checking outlets, appliances and lights for the absence of electricity. The offending noise source will be something on this circuit.

If the noise is steady, look for a running electric motor, fluorescent lighting fixture, light dimming switch, paddle fan with a silicon controlled rectifier in the circuit, or some other radio or television equipment.

Devices most commonly found on private premises that cause intermittent radio or television interference are: heating pads, electric blanket controllers, tropical fish aquariums, refrigerators (butter conditioners), door bell transformers and/or flashing decorative lighting.

4. It is important for your own benefit to have the offending device checked and/or repaired to insure normal safe operation.

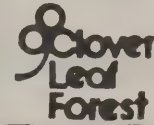
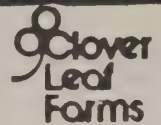
5 The interference produced by these devices will travel through the house wiring out to the power line, down to the power transformer and through the service wires to each of the houses on the transformer. Therefore, if you don't find the source of interference in your house, it may be coming from one of your neighbors. If so, be diplomatic and ask for your neighbors help this will be the quickest and easiest way to solve the problem and keep on friendly terms with your neighbors. Good luck. (QUA Bulletin Army MARS)



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NAVY/MARINE CORPS MARS—SO. FLA.
 By Jim Wilson, NNN0WCK/W4GDK

I've learned recently that VKO, Eb Long did not make a permanent move to the Panhandle in April. He merely went up there for a few months, hopefully to keep cool. His son Eb III, ZKU, now tells me he is going out to New Mexico for a while before he comes back down to Venice. We hope it's nice and cool there. Eb and we will be very glad to have VKO back in Venice.

Irv, YKL in Vero Beach is proving to be a good willing worker. Van, XPR, took his family on a summer trip up to the North Carolina mountains. Next we found they took their motor home down to Texas (110°), then up to Denver (105°) and on to Wichita Falls (also 105°). They are enroute back to North Carolina now and Florida in August. Boy! They are welcome to temps like that.

Our participation reports at the end of the moth keep Bob Weill very busy recording them. He has a good signal so it makes our qso's easier.

Tom, ZKV, of Pinellas Park and his wife, Janyce, YKM-T, take considerable traffic into the Tampa Bay area. They are good operators. JIR, Art, is doing a fine job for us. We first met a few months ago when as Chief in charge of the C.G. Cutter DECISIVE he invited us to come aboard when they were in Port Everglades. Licensed in North Florida, he lives in Orlando and his job requires his driving to St. Pete every few days. He has access to a WATS line, so while driving — or at either end of his trip — he takes difficult traffic from our net and phones it promptly for us.

We naturally are very pleased that Harry Ide, our Area Coordinator was helped by the eye specialist he went to see up in PA.

We're also glad to have Marion Saunders, QPJ, back safely from his European trip.

We need active MARS stations in West Palm Beach, Key West, Sebring and Arcadia.

GAJ2 says that at the region meeting ASC2 promised another ecom drill. Let's try to be ready for this surprise test.

ARMY MARS
PRIVILEGES AND RIGHTS
 By Dick, AAR4PP

The little booklet they give you to prep for the Florida Driver's License test tells you that driving on Florida Highways is a privilege, not a right. Which is so much bull; if you have the qualifications and can pass the test, the State of Florida cannot deny you a license. Anything that can disqualify you disqualifies every other applicant. You'll read statements that a Ham license is a privilege, and this, too, is bull. You can be discourteous, nasty and contemptuous of every other Ham but, unless you disobey a specific FCC regulation, the government cannot lift your operating

rights. (They seem to prove that in California every week.)

It's not until a Ham decides he'd like to operate a Military Affiliate Radio System (MARS) station that he finds himself asking for something that he doesn't rate merely by virtue of his Citizenship and his technical competence. At least I can find nothing in the Army MARS Tech Manual which binds State or National Directors to admit or keep every applicant who meets a set of written qualifications. My MARS license says it can be "revoked for cause," apparently leaving it up to the revoker what constitutes "cause," and I have no doubt that the definition of "cause," would include the type of obnoxious and inconsiderate behavior which is accepted as normal conversation on the Citizens Band and Ham-20-meter-voice bands.

Futhermore, MARS demands service to others. Most members who don't provide it seem to drop their membership automatically after a few months, even if they've put in their minimum of required hours of participation. Perhaps they feel they've failed to earn the privilege; they'd rather quit than carry the discomfort of being deadheaders or freeloaders, and such a motive is to be respected.

A theologian named H.L. Manson once said, "Salvation may be free, but it is never cheap." The same might be said of membership in any organization in which the main thing given out is the opportunity to give of oneself.

USAF MARS (STATE WIDE)
 By George Hamilton, Jr., KA4ARZ/AFA2NV
Florida PAC

They also serve who wait. Not a cliché, but a fact. When the Cuban refugee influx began, many members of USAF MARS went on a daily schedule handling traffic from the refugee centers to relatives and friends of the refugees. Under the capable direction of Michael S. Green, SMD Florida, these amateurs set up and maintained schedules until the problem was ended in mid June.

The first quarter of 1980 report of Region 2 USAF MARS is out and Florida and Tennessee leads in the numbers of hours and members participating in the program. Florida has over 10% of the total national membership and is growing.

The entire national program of USAF MARS is under study and revision. This will take about two years to complete. If you have any ideas or constructive criticism contact your Region 2 Communications Manager. It is only through your expression of ideas that he can know what you are thinking.

In a recent issue of a national amateur magazine there is an excellent article on philately in amateur radio. Read it and add another hobby to your life.

The bill passed and was signed so that your call sign license tag will now cost you less for renewal. Instead of \$5.00 the renewal fee is now \$1.00.

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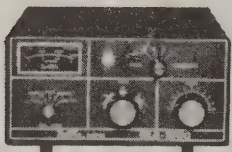
DRAKE TR7 Transceiver



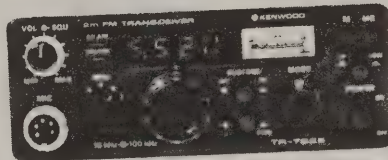
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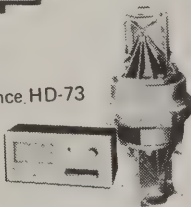


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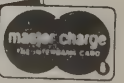
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ERNIE, K4KIC

JOHN, WD4ISH



1980 FLORIDA QSO PARTY RESULTS

PLAQUES:	Fla. SSB:	Fla. CW:	Lake:	Out/State CW:	Out/State SSB:
Fla. CW:	*=Class "A"	Alachua:	WD4ICQ/4*	414	AZ:
N4BP 65,790	Alachua:	WD4ICQ/4*	Levy:	108	WA7NXL 374
Fla. SSB:	WA4SVO 21,261	Baker:	WD4ICQ/4*	195	AR:
N4UF 131,325	Brevard:	WD4ICQ/4*	Madison:	195	AD5F 1,080
Out/State CW:	WA4ZSB 156	Brevard:	WD4ICQ/4*	2	CA:
N6MU 7,070	Broward:	WA4ZSB 221	Manatee:	485	N6MU 7,070
Out/State SSB:	K4KUZ 12,054	Broward:	WD4MMWJ	176	W6ZT 3,248
KH6JMG/Ø 9,450	KB4FO 9	N4BP 65,790	Marion:	122	CO:
Fla. Club Agg:	WA4YLD 6	WA4OML 10,140	WD4ICQ/4*	2,100	KAØCLS 1,320
NOFARS 271,038	Dade:	W4DXL 726	Orange:	4	IL:
Number of Entries:	WB4YQR 39,296	WA4YLD 88	KB4ZO 9,900	176	KA9EAT 140
Fla. CW 24	WA4FYZ 3,230	KB4FO 10	WD4ICQ/4*	288	IN:
Fla. SSB 36	WA4RRB 570	Citrus:	Osceola:	9	W9RE 1,020
Out/State CW 32	Duval:	WD4ICQ/4*	WD4ICQ/4*	312	LA:
Out/State SSB 36	N4UF 131,325	Columbia:	W4GAU 2,100	32	W5WG 304
Fla. CW Top 5:	N4BFX 5,891	WD4ICQ/4*	N4BGV 4	432	MD:
N4BP 65,790	KC4CS 2,400	Dade:	Pasco:	1,440	W3PYZ 2,088
WA4RRB 29,568	WD4ETG 1,768	WA4RRB 29,568	WD4ICQ/4*	1,064	MA:
AA4BN 16,767	N4CUK 1,269	Dixie:	Pinellas County:	182	WB1ANT 440
WA4OML 10,140	WD4ITK 1,012	WD4ICQ/4*	KR4U 1,440	18	K1VUT 30
KB4ZO 9,900	Glades:	Duval:	Polk:	6,120	MN:
Fla. SSB Top 5:	K4PB/4* 84	WD4ITK 5,712	N4YB 5,130	182	WAØQIT 6,120
N4UF 131,325	Hendry:	KA4KIZ 750	WD4ICQ/4*	726	MO:
WD4MMWJ 116,358	WA4HXZ/4*4,718	Gilchrist:	81	84	WAØITU 182
W4PZV 88,644	Hernando:	WD4ICQ/4*	7,452	432	WDØGSY 64
W4OO 85,988	WA4OEM 4,551	Glades:	176	98	MT:
WD4BCC 69,445	Highlands:	K4PB/4* 10,506	Sumter:	768	K7PGL 726
Out/State CW Top 5:	WB4WDK 21,170	Hamilton:	WD4ICQ/4*	1,160	KA1EA/7 84
N6MU 7,070	Lee:	WD4ICQ/4*	293	650	NE:
W6ZT 3,248	WA9TOC/4 3,906	Hendry:	540	1,530	WB8ZRL/Ø 572
W5WG 2,350	Manatee:	AA4BN 16,767	Suwanee:	208	WØOLL 18
W3PYZ 2,088	WD4MMWJ 116,358	KA4JZS/4* 5,160	WD4ICQ/4*	1,530	NJ:
W2RPZ 1,872	Okaloosa:	Hernando:	204	216	K4BNC/2 3,818
Out/State SSB Top 5:	WD4OMQ 11,045	WD4ICQ/4*	924	2	W2XQ 638
KH6JMG/Ø 9,450	Palm Beach:	Highlands:	1,300	168	W2CC 18
WAØQIT 6,120	W4PZV 88,644	W42D 2,925	Volusia:	216	NM:
K4BNC/2 3,818	W4OO 85,988	Lafayette:	WD4ICQ/4*	224	KB5DQ 154
AB4Y 2,560	WD4BCC 69,445	WD4ICQ/4* 561	WA9WZV/4	84	NY:
N7BN 2,226	WA4KOP 69,290	Compiled, edited and layed-out by W4MNZ		280	WB2THN 216
Club aggregates	W4SS 38,394			1,380	N2RT 2
() = # of entries:	WD4HAS 33,534			112	ND:
NOFARS(11) 271,038	N4ML 15,555			374	KCØW 168
W.P.B.ARC(15) -239,563	WD4BBW 14,940			280	OR:
Lake Clarke	WB4ASP 12,650			84	N7BN 2,226
DX Assn.(5) 232,352	WD4SMG 2,516			224	PA:
Hollywood	W1CCJ/4 1,372			84	AD3Y
ARC(2) 66,516	WD4IUD 984			66	W5NR
S. Fla.	WB4RLU 960			450	WI:
DX Assn.(2) 42,192	N4BGV 459			888	K9GDF
	W4NWP 304			238	Swedan:
				600	SM4GLC
				440	Newfoundland:
				50	V01AW
				888	Poland:
				238	SP5GH
				380	W. Germany:
				96	DF1EI
				440	Japan:
				50	JA9SQO
					Indonesia:
					YBØACL
					Czechoslovakia
					OK1DKS

Compiled, edited and layed-out by W4MNZ



QSO LATE SCORE
Argentina - LU6EF 396

1980 FLORIDA QSO PARTY SOAP-BOX.

The number of contestants decreased this year, only 60 Florida entries and only 68 out-of-state entries. NOTE the rest periods WILL BE re-instated NEXT YEAR! -- Neatest and most correct logs were from N5BFM and W4OO. -- Top SSB, N4UF again, top CW N4BP again, Top SSB out-of-state KH6JMG/Ø again and Top CW out-of-state goes to N6MU who was second last year. Top Club aggregate score of 271,038 NOFARS again. Lots of activity in Palm Beach county!! Let's give these guys a run for their money next year. Most stations will note that their published score is higher than submitted; 90% of all logs did not claim the I.T.U. Zone multiplier credit. ALL logs were checked and the correct score is the published score. -- Many complaints about the scheduling; we picked our date six months in advance; if someone else adds an activity on the same date, there is nothing we can do. -- Next years contest will be held May 17 & 18, 1981. WD4ICQ ran 22 Fla. counties, KA4JSZ/4 racked up 5,160 as a Novice. Glass "A" entries totalled only 5 this year. SOAPBOX: Can I be worked by the same station from more than one county? (WD4ICQ)- YES!! Let Fla. stations use Fla. counties for mult. also (KA4KIZ)...Activity too thin for long contest (WA4RRB)... Never seen Florida Skip (KB4ZO)... Finally participated. (KV4FO)...Enjoyed contest (A4OML)...Too long & exchange too elementary (K4IEX) Re-instate rest periods (N4BP & N4UF... Editors note...3 logs returned as received after cut-off deadline...sorry! Late Score..Argentina LU6EF 396 points..

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PLOOF REEDERS

Last month, for the fun of it, we advised that our faithful proof readers were on vacation and offered a FREE subscription renewal to the person who could find the most errors in the July issue.

Gosh, we had no idea that this offer would catch on so strongly. We were very pleased with the response. We would like to sincerely thank all those who took time to proof read and turn in their entries. Here are the results of the contest, as received:

Nat March, W4LLM, Miami Beach	43
Bill Hauser, WA4ZSB, Titusville	28
Kay Anderson W8DUV, Apollo Bch	44
Barbara Neiman, WA4UYZ Hollywood	70
Bud Pierce W4KIX, Panama City	33
Frank Holt, K4YWX, Miami Shores	34
Toby Marshall WD4ENQ, Ferry	42
Charlie Zimmerman WD4HXS Old Town	86
Bill Willmot K4TF, Merritt Island	93

I must admit, Bill did an outstanding job. He was a professional and it showed in his entry. So the free renewal goes to K4TF Bill Willmot. Congratulations Bill.

SOAPBOX: Thanks for contest, it was alot of fun. Bill WA4ZSB.....We love FLORIDA SKIP and would never notice typographical errors. I feel terrible about finding these errors. Kay W8DUV.....What a sneaky way to get us to read every word - ads included. hi Barbara Neiman WA-4UYZ.....Notice proof-reading contest and decided to take a shot at it. Bud, W4KIX.....Hope you don't hire me without pay to proof read your magazine. Always enjoy reading SKIP from cover to cover. Frank K4YWX.....You sure know how to get a feller to read it all. Toby, WD4ENQ..... Found 86 errors - not counting two blank pages. Charles

WD4HXS/KU4Q



The Fort Lauderdale Hamsters held their field day on Ft. Lauderdale beach this year. This was the first year a mini-computer was used for log keeping. L to R: Gary Dipalma WA4IQJ, Donna Hager XYL, Bill Maxwell AG2B, Bruce Richardson WA4IPU, Scotty W5DZF, Ray Call WA4ESF, David Crane WB4ERU, Marvin K4EXO, Bob Chanter WB4-HAG, Jim Hager WA4QLE. (Photo by Roy Erickson WB4-BLH)

Dear Mr. Editor:

Two members of the Dade County ARPSC, Planning Committee have recently been appointed Assistant Director by Frank Butler, W4-RH, Director of the Southeast Division, KI4T and W4ZR.

Joel Kandel, KI4T, has been very active in Planning Committee activities, especially Emergency Preparedness. He is representative of the Committee for So. Fla. FM Assn.

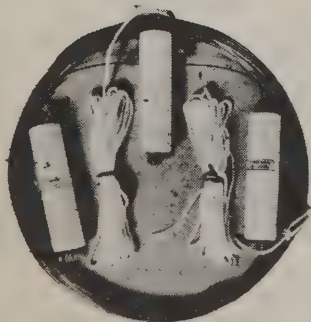
Ham Robinson, W4ZR is representative to the Committee for Official Observers, and is Chairman of Operation Crackdown of the Planning Committee. 73, John F. Porter, W4KGJ, ex SCM S. FL.

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VAC-15/20 -- \$59.50	VAC-10/15/20 -- \$79.50	VAC-10/15/20/40/75 -- \$139.50

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FLORIDA REPEATER MAP

The latest 1980 Florida repeater map is off the press. Bill Tucker, W4FXE did a great job, as usual. But, inadvertently there were three omissions. Bill extends his apology to all concerned for this error.

To correct and complete the map, for those who already have same, please cut out the three sections shown below and paste them on your map at the proper location.

Maps are available from Florida SKIP for 25 cents each with a No. 10 S.A.S.E. It measures 11 X 17 inches and printed on a heavy light green stock.

Tallahassee

6055-6655
6310-6910
7630-7030

Sunrise

4690-5290

Stuart

6460-7060

SILENT KEYS

We are deeply sorry to report the following Silent Keys:

N4CW Charlie Whiteley, (Ex-W4NDL) Venice
KC4GX Newt Magnuson (Ex-WB4JSZ) Sarasota
K4TQW Robert H. Kastle, St. Petersburg
W4DXP, Robert L. Colbert, Miami
W4PV, Edward F. Ogilvie, Sr., 69, Miami Springs
W4UHN, Everett "Little Joe" Wilson, St. Augustine

FIELD DAY U.S.A.

Field day was a very active one this year, with on-the-air indications of more groups than ever participating despite the usual Field Day weekend weather problems. Little confusion was noted over the exchange change this year, and the ARRL staff is very interested in hearing how many "natural power" stations took part and how they fared. Excellent media coverage, both local and national, was reported. (HR Report 7/3/80).

Thus far in Florida only one FD score has been received at this office. As announced, NOFARS of Jacksonville, is sponsoring the 5-

TRANSFORMER SHORT TEST

By Richard J. Martone, N4ALR

A simple way to check a power line operated transformer (which may be in a piece of equipment, or surplus) for shorted turns, is to connect it to the power line as shown in the schematic.

Before the test, all loads must be removed from the secondary, or secondaries.

Bulb indications: A brightly lit bulb indicates shorted turns in the transformer.

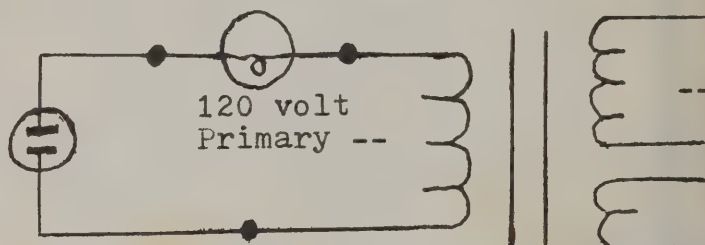
A bulb that is very dimly lit or completely unlit indicates a transformer that is OK.

The light bulb is a standard 120 volt household type. Standard high voltage precautions should be used.

Light bulb:

40 watt for large transformers

15 watt for small transformers



year SKIP trophy which will be awarded for the Florida Club to turn in the highest score this year. Florida Skip is sponsoring the "Single Transmitter" highest score trophy this year. Winners score MUST appear in QST, since they check all the logs. The trophy will be awarded, as usual at the Miami Hamoree which will be February 7 and 8th next year. (See page 1, July issue for details.) So, all you clubs out there, send us a copy (only) of your "total sheet" and win a trophy. OH YES, check elsewhere in this issue for totals on our FLORIDA QSO PARTY results.



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N.N.N. P.W.U.

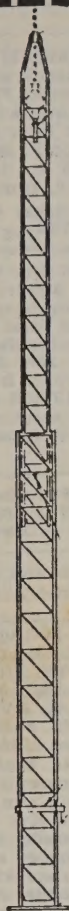
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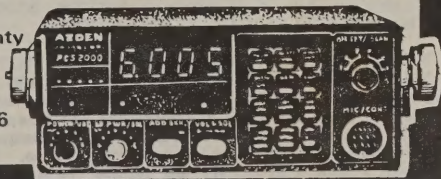
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You'll have more fun and excitement on 2 meter FM with the AZDEN PCS 2000 because of its popular, state-of-the-art convenience features such as micro-computer controlled full band scan and memory functions, CMOS PL digital synthesized, detachable control head, excellent receiver sensitivity, 25 watts out and much more.

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NEW ID SIGNS FOR MOBILE COMMUNICATION UNITS

The Dade County Amateur Radio Public Service Corps, are now using a new sign that will make it much easier for Police, Civil Defense, Red Cross and other agencies to immediately identify and recognize the mobile units that are authorized to take part in emergency and public services activities.

The signs are 8" x 9" and are printed on a white flexible magnetic material and carry the A.R.P.S.C. (Amateur Radio Public Service Corps) triangle design. The signs are recommended to be placed on the doors of automobiles and are designed to withstand a 100 mile per hour wind.

The signs are available through the Personal I.D. Company, 2908 S.W. 67th Way, Miramar, Florida 33023. The cost of the signs is \$9.50 per pair.

HAMBAR SERVICE of electronic equipment ONLY, will be available to all our subscribers, amateur and non-amateur at the rate of 5cents per word. Min. charge \$1.00. Commercial and non-subscriber rate is 10 cents per word. Min. charge \$2.00 No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain full mailing address, call sign and ZIP number, area/phone number, if any. Make it EASY for person wanting to buy YOUR equipment to reach you. NO HAMBARs via telephone! COMMERCIAL display, full page \$74.50, Half page \$46.00, 1/4 page \$28.50 and 1/8 page \$17.50 camera ready. Lay-out, make-up fee is according to size and type-set of ad. DEADLINE FOR ALL ADS & COPY is 8th of each month IN P.O. Box 501, Miami Springs, FL 33166. Thank you for your cooperation. Editor.

FOR SALE: C.E. Multiphase R F Analyzer model MM-2 \$35. Ten-Tec "squeeze" keyer KR-40 (little use) \$35. Old HRO (1935) works, set of three extra coils, heavy speaker, power supply, best offer by mail. Must pick-up, no mailing. Ed Morgan W9JW/4, Rt. 2, Box 400 J3, Melrose, FL 32666.

NEED schematic for Atwater Kent model 165. Ulo Vilms K4OV, 109 Palomino Lane, Warner Robins, GA 31093.

FOR SALE: YAESU FT-101B with c.w. filter and fan. 2 mikes, dust cover, manuals, factory cartons, mint condition \$550. Dave Post WD4INU, 807 Hunter Park Place., Titusville, FL 32780 305-267-2698.

FOR SALE: SWAN Signet 260 \$250. Yaesu FT-101FX used 10 months \$450. Yaesu FT-301 trans. new rec. 79. Yaesu FP301 pwr supply, Yaesu YO301 monitor scope. Richard C. Welch WA4BRZ, Rt. 3 Box 639, Arcadia, FL 33821.

SALE: Heathkit SB-200 linear amplifier, 10 thru 80 meters \$300. D. Johnson KD4F, Lot 49 Tarawa Circle, Mayport, FL 32227 904 246-7086.

FOR SALE: Like new 75A4 receiver, KDK FM-144 synthesized 2 meter FM rig, make offer. Ted Gornsen W4SZ, 1536 Del Webb Blvd. Sun City Center, FL 33570 813-634-2305.

SALE: YAESU 207R bought at last Miami Hamboree complete with wall charger plus two nicad battery packs \$350. Beam, Ringo Ranger, CDE II rotor all cables and coax \$250. Al Veit WA4MBB, 4100 Rainbow Dr., Ft. Myers, FL 33901 813 694-6115.

WANTED: 12-volt 4-prong vibrator. Vic Woodward K4NP, 10024 Alavista Dr., Bigsonton, FL 33534 813 677-5353.

FOR SALE: DRAKE L4B linear \$600. TR4 with noise blanker, FF1 frequency control, mobile mike, desk mike, AC and DC supplies all for only \$475. Harry E. Cudney K4CAA, Box 185, Nobleton, FL 33554 904 796-9664.

THE KENWOOD & ICOM International users club are now under one name "Users International Radio Clubs" separate newsletters published. Details S.A.S.E. Robert Pohorence, 9600 Kickapoo Pass, Streetsboro, OH 44240.

HE IS LONELY WHO BUILDS HIMSELF A WALL INSTEAD OF A BRIDGE ???

SELL: Heath SB-101 including HP-23 AC and HP13 - DC supplies built by a Heathkit technician. Recently re-tubed & aligned. Absolutely perfect condition and looks like new \$375. I ship. Jim Fordham WA4MYF, 105 N. "S" St., Pensacola, FL 32505 904 478-0018 or 904 434-5763.

FOR SALE: E-Z Way crank over tower, Mosley classic 33 beam, Ham M Rotator, 40 meter dipole, includes all cables \$300. Must be taken down by buyer. K4ZP's widow. - Mrs. J. Harold MacArt, 613 Chirico Dr., "Sorrento East", Nokomis, FL 33555 813 966-4010.

FOR SALE: DRAKES: L4B linear \$629. T4XB & P.S. \$399. FS-4 synthesizer \$199. R4B & MS-4 \$259. HAL DKB-2010 Keyboard, Morse & RTTY with 160 character memory \$299. Info-tech model 100 video converter, Morse, Baudot & ASCII \$299. All very good condition with manuals. Darrell McKinley WB4PWC, 611 N.E. 14th Ct., Ft. Lauderdale, FL 33304 305 764-4679.

TODAY IS THE TOMORROW YOU WORRIED ABOUT YESTERDAY:

FOR SALE ROHN 60 foot heavy duty tower, house bracket, ground slab, bolts & nuts, guys and on-the-ground rest brace (allows one to work on beam with tower tilted. Ready to haul \$250. SWAN 600R Custom with 2.7 and 0.6 filters \$265. Swan 600T, \$255 SWAN FP-1 & speaker \$50. All units look new with manuals. All these for \$525. Heathkit HM-102, 0-2000, 0-200 Watt and SWR meter \$30. Turner Plus 2, transistorized P-T-T mike, blue in color with mike gain built in base \$30. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6 pm please.

FOR SALE: 7 foot double door, grey relay rack. Has 12 - 3pin 115 v.a.c. strip (valued \$19) mounted on side. Make perfect rack for complete repeater station with room for duplexers, etc. 10 inch hole cut in back door for blower. Need the space only \$35.00. For pick-up only. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6 p.m. only please week-days.

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be IN Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All HAMBARS received after the 8th will be held for the following month. Thanks for your cooperation and consideration! Editor

2154 GHz down converters. Not pirate or MHz type. These are professional type as used by many schools and hotels. All complete ready to use with 18DB antenna, receiver and power supply ONLY! 20 left as of this printing. These are not available any other way. When these are gone there will be no more. 52 already in use in the Miami area. \$350. per system. Call: Robert Chanter WB4HAQ, 564-4191 (305), 1731 N.E. 15th St., Ft. Lauderdale, FL.

FOR TRADE: Kenwood 7400A, ESI 20 amp supply, Larsen mobile antenna and Cushcraft 11 element beam. Tired of VHF. Will trade all for Linear amp - Yaesu FL-2100B or similar. R.E. Boone, WB4FNH, 5001 A 19th St. W., Bradenton, FL 33507.

SO you always wanted to own a National "dream" receiver! My NC-303 is available for \$150, with XCU 300 calibrator and manual. Also a Gonset SB-100 transmitter, good with manual \$150. Frank Woltmar K4SQ, 725 Snell Isle Blvd N.E., St. Petersburg, FL 33704 813 821-8962.

SELLOUT: 70 feet Rohn 55 tower-extra heavy duty, you dismantle \$300. I dismantle \$400. Extra heavy duty Rohn 2 inch mast & thrust bearing \$40. Ham II rotor \$75. Wilson System 36 beam, 10 months old \$160. Heath SB-104 transceiver/PS/speaker/filter/factory mods, Shure mike \$700. Dentron Jr. Monitor \$40. Ham-Key \$15. 4-1000 & Chimney \$40. 4-1000 filament transformer \$25. Military 1750 volt at 2 amps cont. transformer \$95. Two ASR 33 teletypes (1 non-working) \$400. Hallicrafters SX-101 MK-III receiver, working condition \$75. Also parts collection. C. Douglas Robson Jr., WB4HIH, 1403 N.E. 2nd St., Pompano Beach, FL 33060 305 781-1514.

FOR SALE: Pair of (new in unopened boxes) 11 element 2 meter Cushcraft beams, both only \$60. Ed Kane K4MAS, G.M.F. Box 520042, Miami, FL 33152 305 443-4348.

FOR SALE: HAL DKB-2010 dual mode keyboard variable GW & baudot \$280. Simpson color scope 6" tube 10X14 hi but no pwr transformer \$20. Drake TR-22 2 meter transceiver \$100. Model 28 RTTY T.D. \$100. Regency tube CB transceiver \$15. and various Motorola 432 chassis. Elmer Anderson K4GOI, 3600 SW 21 St. Ft. Lauderdale, FL 33312 305 581-2982.

MICROWAVE DOWNCONVERTERS - Two GHz printed circuit board with instructions and parts list \$5.00 each postpaid. MICROPIPER, Inc., P.O. Box 650809, Miami, FL 33165.

FOR SALE: Galaxy V Mark III transceiver with a.c. and d.c. power supplies \$275. Cash Luzny W4MPV, 4286 St. Clair Ave., N. Ft. Myers, FL 33903 813 997-2599.

DECODERS - Amateur TV descrambler printed circuit board with instructions and parts list \$15.00 each postpaid. MICROPIPER, Inc., Miami - P.O. Box 650809, Miami, FL 33165.

FOR SALE: 28ASR teletype machine. Has chadless printing reperforator and T.D. \$425. OA5 teletype converter with autostart, AFSK, scope output and 60 mil. supply for TTY machine \$150.00. Yaesu FT-221R all mode 2 meter transceiver with digital display & YD-148 desk mike, manual \$415. TPL linear 2 meter SSB or F M at 10 watts in 70 watts out \$85. HAL 1550 Keyer IAMBIC with FYO paddle nice shape \$45. FL-2100B amplifier with 10 meters \$375. Above items - terms - bank check, cash or postal money order. Ship at your expense. Bob Bryan KA4FYD, 1181 Portola Lane, Spring Hill, FL 33526 904 683-4991 no collect calls accepted.

RTTY - Famous ID-1 WRU printed circuit board with instructions and parts list \$15. each postpaid. PCB contains four separate circuits for (1) delay, (2) CW-ID, (3) RTTY-ID, and (4) fail-safe timer. MICROPIPER, Inc. P. O. Box 650809, Miami, FL 33165.

FOR SALE: SB-104A station, including noise blanker and c.w. filter, AC supply and speaker, remote VFO, station console, 4BTU, Coax switch, 1 1/2 years old, 10 hours air time. Built by a communications engineer. All in great shape. Real cheap - \$800. Takes it all!! Chris brown WA4AHP, 2804 W. Broad St., Tampa, FL 33614 813 - 932-9708.

FOR SALE: Heathkit SB-200 linear \$300. SB-610 monitroscope \$90. SB-102 transceiver with pwr supply \$325. IG-42 laboratory signal generator \$60. IM-25 lab VOM AC/DC operation \$40. Knight VSWR meter \$10. 3 Dow Key SPDT coax relays \$8. each. 14AVQ 10-40M vertical antenna \$30. 12-AVQ 10-15-20 M vertical antenna \$10. Vertical antenna ground mount \$8. SWAN mobile power supply 12 volt to 800-250-neg volt etc. \$20. Gonset GPP-1 phonepatch \$15. 8 pieces 610BT5 thin wall dural tubing 15 ft. 3 inches long \$4. each lot \$25. Misc parts, transformers, components, chokes and resistors. Ask me, I may have what you need 60 years accumulation. William S. Heston W4EKJ, 274 Tropic Dr., Lauderdale by the Sea, FL 33308 305 776-5183.

MDS RECEIVING SYSTEMS - Commercial units designed for residential use in private homes. Can be converted to cover 2304 MHz for amateur television. Units can be purchased with or without decoder. Prices begin at \$380.00 MICROPIPER, Inc. P.O. Box 650809, Miami, FL 33165.

SELL: Icom IC-22A. Ten pairs crystals \$150. including shipping. Bob Bookwalter W4NWF, 728 Valencia Rd., Venice, FL 33595 813 485-7928.

FOR SALE: Kenwood TS-700A 2 meter FM/CW/SSB/AM transceiver, AC/DC power supplies, 10 watts output, VFO frequency control internal Janel preamp. mint, \$500. Karr Electronics 2 meter FM/SSB amplifier, built originally for FAA as AM transmitter converted to amplifier 160 watts plus output continuous duty no time limit from single forced air cooled 4CX250B, matching a.c. power supply, rack mount or table top, unit weighs 100 lbs. \$250. Mosley TA-33 Sr., tri-band beam antenna, 3 elements on 14 ft boom, 3 Kw PEP rated, stored indoors, new stainless hardware and trap seals. \$90. Bill Whitaker WD4JKM, 13360 SW 50th St., Miami Fla. 33175 305 223-5782 or 592-7184.

COLLINS MECHANICAL FILTER F-455 C 12 Part No. 522 9041 002, like new \$15. each - have 3. Collins power supply, standard 19 inch panel by 10" hi. 115VAC in with following outputs: 160 /minus, -150 R, -400 plus300 and plus 150R, all at least 80 ma. Has 3/4 inch metered on all voltages, beautiful construction \$15. Heathkit 2 cross-over enclosures, all wood, lite oak, 10H X 23W X 12 deep, has trible control, only \$17. Electro-Voice Bookshelf speaker system, 8 inch full ranger speaker, 50 to 13,000 cps response is conservative. All wood construction. About same measurements as above Heath \$15. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

NOTICE: PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it will delay your SKIP as long as 4 or 5 days, we are told. EDITOR.

WANTED: Professional Press Relations amateur in Miami area to join the Dade County ARPS Planning Committee. Get details from A. Clark W4IYT EC Dade County phone 888-3874.

FOR SALE: Yaesu FT-901 transceiver, almost new, 10-160 meters, all filters installed, has AM/FM/CW/FSK/SSB, built in electronic keyer, pass-band tuning, digital display \$995. HAL RTTY T/U with built in regenerator, scope amplifier, CW ID (ST6 model) \$325. HAL DKB2010 RTTY/CW keyboard with buffer \$250. HAL RVD1005 RTTY Video demodulator \$250. Macrotronics M650T, Factory built RTTY/CW terminal unit, consists of FSI demodulator, M650 convertor and AFSK tone board, send and transmit all shifts, baudot and ASCII, split screen, keyboard controlled automatic transmit and receive, tuning meter, built in a.c. supply, will work with any Pet/Commo Commodore computer J6K \$400. 2 meter linear 1/2 Kw, commercial all modes \$250. ASCII computer printer, serial or parallel input will work with TRS-80 \$400. OPTOELECTRONICS frequency counter, model 8000.1 \$300. Conar dual trigger scope, solid state \$250. EICO model 377 audio generator \$350. Sonar 2 meter mobile with touchtone, 25 watts \$150. All of the above equipment in excellent condition! Private party, not a dealer. Will consider trades on some items. WANTED: Digital display for Drake R4B/TR4CW, Drake MS 4 speaker, Drake AC-4 power supply, Drake phone patch. Bob Knight WA4HOC, 7532 Roosevelt St., Hollywood, FL 33024 305 962-7219 evenings 305 751-9911 days.

FOR SALE: SOLA Constant voltage d.c. supply, 115 VAC in and 48 VDC at 4 amps out \$19. Sola (same as above) except 250 VDC at 1 amp. out. Standard 19 inch panel by 6" high. \$15. each. Have National NC-240 with PS, manual. Tunes 480 to 31MHz, works good \$60. National HRO-50R1, coils A B C D E F with coil/spkr cabinet \$90. Collins 51J4, manual, 2 filters, good condition \$325. All plus shipping. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: SB-101 with HP-23A supply, c.w. filter and SB-600 speaker with all manuals. Excellent condition and no scratches \$275. Unable to ship. K. Sandstrom W4TTB, 2000 North Keene Road, Clearwater, FL 33515 813 442-1772.

NEW REPEATER MAPS. FLORIDA SKIP map editor, Bill Tucker W4FXE just completed his 2nd All Florida 2 meter map. It's off the press! It measures 11 X 17 inches and printed black on heavy green stock. Easy to read, all repeaters are boxed in along side of their city. There is an additional listing by frequency in a large box. We sold hundreds of these in past year or so. This one is up to date as of 3 weeks ago. We are selling these maps for only 25 cents each plus a No. 10 S.A.S.E. For the price of a cup of coffee, you can't go wrong with this nice map. FLORIDA SKIP, Box 501, Miami Springs, FL 33166.

FOR SALE: Brand new Drake T4XC transmitter and AC-4 supply in unopened factory sealed cartons, \$599. Brand new Drake SL-500 c.w. filter for TR-7 \$40. Brand new Drake UMK-3 rear mounting kit for UV-3, \$45. Brand new Motorola Mocom-70 2 freq. accessory group \$95. Hammarlund SP600JX .54 to 54 MHz continuous coverage receiver with speaker and Collins 310A-3 exciter, all in excellent condition \$450. G.E. Progress Line 2 freq. accessory group with d.c. power supply strip, like new \$95. Delco VHF mobile telephone 600/1500 signalling with cables and control head \$75.00. Motorola 132 to 174 MHz TU312H cavity with 4 sets coupling loops, excellent condition \$195. Motorola charger for MX300 series Handie Talkies, like new \$35. Duplexer for 420 to 450 MHz 250 watts, 55 or 80 dB isolation, .7 to 1.4 dB insertion loss, tuned to your freq. \$215 or \$395. Add freight from Pensacola. Charlie Thrower W4UKV, P.O. Box 10686, Pensacola, FL 32504 904 476-0246.

WANTED: SONAR mobile charger models PA2927 or CH-2924. Motorola Pager and charger tone and voice on 152 MHz. State price and accessories. SALE: Midland 4-channel VHF & UHF pocket scanner with charger \$120. Tom Smith WB4RGQ, 25 So. Halifax, Daytona Beach, FL 32018 904 252-2906.

FOR SALE: HEATH HW-8, HWA-7-1, Headphones, Speedx straight key, manuals \$100. Toby Marshall, Box 188, Perry FL 32347.

WANTED: Heath HW-8. Dante Ventriere KA4JRE, 17831 NW 81 Ave., Hialeah, FL 33015 305 823-1191 after 6 p.m.

FOR SALE: Complete amateur station. Limited edition Atlas 210X with console, deluxe mobile mount, vox unit, noise blander, Shure 444 mike, Hustler antenna system, mobile mike, matching xfmr all \$669. PROOF OF LICENSE BEFORE SALE! Bob Lightner WA4-PWF, 6408 N.W. 136 St., Gainesville, FL 32601.

FOR SALE: KLM 2 meter amps 4/80 \$175. 15/80 \$150., 10/160 \$229. Hy-Gain 18HT hi-tower \$259. TH3MK \$179. TH3JR \$129. 95. MFJ 984 \$240. 981 \$176. 980 \$136. 982 \$165. 961 \$130. 6 amp reg supplies \$29.95. 8 amps \$39.95. Bearcat 210 \$199.95. 220 \$259.95 250 \$259.95 300 \$359. CDE rotors IV \$159.95 CD-45 +109. Used equipment SB-110 \$200. SB-104A \$575. HW-101 Mk, PS, Spk \$395. Drake MN-4 \$49.95 ELECTRONIC RADIO & TV SERVICE, Inc., 3009 Barcelona St., Tampa, FL 33609 837-2101 or 835-0881.

FOR any ham who was license in 1925 (or before) I will zerox a complete page with your call,* name and address for \$1.00 which will include postage, large envelope. If you wish to get info on any buddy of that period, send a S.A.S.E. and I will forward info FREE of charge. *from a 1925 Callbook. G. Samkofsky N4ZB, 1420 Mount Vernon Dr., Holiday, FL 33590.

STOLEN EQUIPMENT: Yaesu FT-227R, Ser. No. 8F070070 Social Security No. 005-18-3939 on unit. Stolen from parking lot at University of Miami in June 1980. Contact University Police or: Mike Schiff WD4KRY, 3200 Kirk St., Miami, FL 33133.

REMEMBER: All stolen equipment, as above, listed FREE of charge in this column to all amateurs, subscribers or non-subscribers. Editor.

WANTED: Mosley TA-33 Jr. or Sr. used. Will swap Heath No. 950B scope, R.C. Bridge or will pay cash. Henry Helta WB4KRS, 208 - 5th Ave. South, Lake Worth, FL 33460 305 585-6025 or 586-8817.

UHF FANS! Eastern Airlines Radio Club is offering for sale: 460 MHz, 3 watt FM transistorized transceivers. The rigs are single channel but can be expanded to four channels. Approx size 4 X 10 X 12 inches. 12 VDC input. Manuals available. A steal at \$40.00 each. Buy 2 & have a spare or use for private radio inter-com car to home. Buddy Miller (EAL rep.) KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655 evenings only, late July.

FOR SALE: COLLINS 75S1, 32S1, 516F2, all three \$700. Not sold separately. Oscilloscope Hickok mod. OBL \$10. Heathkit FM test oscillator FMO-1 \$10. All items in good working condition and have manuals. Will not ship. You pick up. No collect calls. Howard Stark W4OHT, 227 SE 45 Terr., Cape Coral, FL 33904 813 - 549-6254.

ONLY ONE LEFT! Reader-printer computer by Olivett, additional printer for spare parts, cheap at \$60. for all. Only 40 cents/pound. Hurry. Bud Miller KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655 evenings only.

THE SECRET OF PATIENCE IS DOING SOMETHING ELSE IN THE MEANTIME!

FOR SALE: Heathkit HW-2036A, 2 meter transceiver, with mike, alignment accessories, manual, like new, late 1979. \$175. J. E. Dow K4VR, P.O. Box 764, Hilliard, FL 32046 904 845-2880.

WANTED: Small electrolytic capacitor (cardboard case) 50-30 MFD 150 VDC or better to repair old radios for shut-ins. Howard Arnold W4PCP, 4118 Cleveland St. Hollywood, FL 33021 305 981-5541.

FOR SALE: CDE HAM III rotor, control box, manual, like new \$85. Control cable .10 cents per foot. Hy-Gain BIG GUN II, 10-11 meters, 4 element quad with 14.6 dB gain \$65. with manual. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

WHEN WE ARE FLAT ON OUR BACKS THERE IS NO WAY TO LOOK BUT UP.

FOR SALE: Kenwood 820S with SP820, perfect, like new, with manual and original cartons \$650. Erv Stockinger WA4ENE, Palm beach Gardens, FL 33410 305 622-1838.

DRAKE TR4C transceiver, RV4C remote VFO, with MS-4 speaker and AC-4 110 volt power supply in RV-4C cabinet. Mint condition, factory boxes, original owner. Recently professionally tuned, new finals. Includes E-V 606 mike. Bargain priced at \$400. Fred Cherepow K4JRY, 1755 Spruce Ave., Winter Park, FL 32789 305 628-4266.

TEN-TEC 544 digital transceiver in excellent condition. Includes all filters, blander, etc. Plus 262M AC power supply and 242 external VFO \$795. Money order or cashiers check. Bill Fells W5OG, 6857 Broadmoor, North Lauderdale, FL 33068 305 972-8601.

FOR SALE: Hammarlund HQ-100 with clock \$85. Motorola "Page-boy" 1, with charger plus 3 ni-cad batteries, Hi-Band \$65. Motorola HT-220 battery tester with 2 new batteries \$50. G. Pohl, P.O. Box 391, Elfers, FL 33531 813 849-6769.

RTTY for sale. Info - tech M-300 keyboard, M-200-E TU with 9 inch Sanyo video monitor. George Reaves KB4WL, 206 Roper Dr., Winter Garden, FL 32787 305 656-4264.

HAVE SCOPES, need service data. Will pay for copies of manuals for Lavoie LA-545 and La265A. Frank Haas KB4T, 1501 Ridge Ave. Holly Hill, FL 32017. Call collect after 6 p.m. 904 677-6927.

FOR SALE: Kenwood TS-820 digital with Electro Voice 664 microphone. Mint \$725. WANTED: 8163 tubes. Rex Bassett W4QS, P. O. Box 4163, Ft. Lauderdale, FL 33304.

FOR SALE: Heath HW-32 \$55. SB-600 \$25. HP23A \$50. HP13-A \$30. HM-102 \$25. Drake 4B, mint \$275. Drake DL-300 \$20. Drake TR-22C \$125. ND1 (25 2M/FM) \$245, with touch tone. Central Electronics 100V with relay \$175. Hammurad HQ-180AC & spkr \$200. Ray Jefferson VHF Marine \$220. Chas Fowkes WB4BOM, 4903 29th Ave. West., Bradenton FL 33529 813 792-4049.

FOR SALE: DRAKE TR-3, AC-3, RV-4 in good working condition with spare set of new finals \$325. Don MacBeth W4RYG, 1421 W. 62nd St., Hialeah, FL 33012 305 821-2276.

TRANSFORMERS REWOUND! JESS PRICE, W4CLJ, 507 RAEHN Street, ORLANDO, FL 32806 PHONE 305 425-7251.

WB4EZZ ESTATE SALE: TS-120, VFO, PS-30 (new) Galaxy V, all accessories, Collins 30L1, MFJ-941B tuner, 13.8 v. 12 amp power supply, 24-hour clock/timer, Midland 13-505 2M, coaxial ant. switche SWR bridges, HO-10 monitorscope, Cantenna, Hustler ball mount, mast, 75-15M resonators, Johnson low pass filter. Many more items. Write for list or call. Bob Patten N4BP, 2311 Nassau Dr., Miramar, FL 33023 305 981-2732 or Howard Arnold W4PCP, 4118 Cleveland St., Hollywood, FL 33021 305 981-5541.

SELL: TEMPO FMP 8 channel 2 meter portable, all crystals, ni-cads charger, ducky ant. magnetic car antenna, shoulder strap, the works \$125. A-1 condition. Horace A. L'Heureux K4JHZ, 4178 Tower Dr., Hudson, FL 33568 813 868-1253.

FOR SALE: DRAKES T4X xmtr R4 revr, AC-3 power supply and MS-4 speaker with cables and manuals and in working order \$425. Stephen Skinner WA4PVQ, 156 Drakes Ln., Summertown, TN 38483 615 964-3574.

FOR SALE: Heathkit SB-301 revr with SB-600 spkr excellent condition \$160. Heath IM-69 transistor tester (new) \$40. complete with manuals. Jim Watkins W4FLS, P.O. Box 816, Lehigh Acres, FL 33936 813 369-2433.

SELL: Heathkits SB400 Xmtr, SB-300 revr, SB-600 speaker \$375. SB-101 revr with power supply \$300. All working. Stephen Skinner WA4PVQ, 156 Drakes Ln., Summertown, TN 38483. 615 964-3574.

FOR SALE: TELEX CM-1320 headset. Top of the line with a boom microphone - ceramic, high impedance. The choice of DX-peditions. Sells for \$71.70 -- asking \$50. SHURE 444 desk mike, has PTT switch, adjustable head height, solid, high impact plastic construction. Freq response 300 to 3000 Hz. Omnidirectional polar pattern. Controlled magnetic mike element designed for SSB. High impedance 50K ohms \$30. Heavy duty push-to-talk etc. foot switch, grey in color with D.P.D.T. switches \$8.50. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

SOMETHING NEW & FREE: "FREE FLEE". Aug. 16, 8 a.m. till. Place: Motorola parking lot East, entrance from Sunrise Blvd and near University Dr. in Ft. Lauderdale. Bring your own loaded with goodies, a table or to put them on and meet the gang & horse trade. Bring own food and drink and plastic in case of rain. Cy, W4MAQ.

USEFUL KNOWLEDGE ACQUIRED TODAY MAKES EVERY SUCCEEDING DAY MORE PRODUCTIVE!

SALE: COLLINS S Line 32S3 w/ps, 75S3B, console 312B and Heathkit Monitorscope SB610 in perfect condition. All for \$2500. Hector Conesa, 20-21 27th St., Long Island City, NY 11105 212 726-8088.

FOR SALE: Heath SB-630 station Console, has 24-hour clock with 10 minute ID timer, phone patch & SWR meter. Excellent condx. \$75. I ship. Jim Fordham WA4MYF, 105 N. "S" St., Pensacola, FL 32505 904 478-0018 or 434-5763.

WANTED: SB-220-221 linear. Prefer one without tubes. Condx. not important, price is! Will consider SB-200 or other linear with 160 using 3-500Z. Also wanted remote VFO for Ten-Tec Omni (243) or FT101ZD. Will pay \$75. Also wanted Y301 scope and Accu-Keyer. Make offers. J. S. Matthews W4OWJ, 207 Fairway East, Tequesta, FL 33458 305 746-0320.

WANTED: Heath monitor scope HO-10 in working order. Doc Kagan WA4HDH, 3485 Avocado Dr., Ft. Myers, FL 33902 813 - 334-0531.

SELL: Waters Model 300Z universal hybard coupler II (Phone patch) with speech compressor. Features ability to: Record station, record line, patch/record station and line, playback to line and playback to transmitter \$60. I ship. Jim Fordham WA4MYF, 105 N. "S" St., Pensacola, FL 32505 904 478-0018 or 434-5763.

FOR SALE: Palomar keyer \$75. MFJ-484 Grandmaster memory keyer \$95. Yaesu SP-901P spkr/patch \$45. KLM 160 meter vertical \$75. Bassett 40-75 meter helium trap dipole \$25. Dentron MT-3000A antenna tuner \$250. Heath FET/transistor tester model IT-121 \$45. Heath solid-state voltmeter model IM-17 \$25. Heath reflected power/SWR bridge model AM-2 \$10. Heath self instruction program - digital techniques (2 vol.) with electronic trainer model ET-3200 \$40. Sabtronic model 8100 frequency counter with prescaler ac/dc supply \$60. Shipping extra. Mike Raskin K4KUZ, 561 West Tropical Way, Plantation, FL 33317 305 583-4026 after 8 p.m.

FOR SALE: FPM-300 Hallicrafter MK-II, 200 W. PEP, mint \$350. or make offer. Bill Ambrose W4QV, 6840 SW 8th St., Miami, FL 33144 305 261-3928.

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FAST GROWING "swap sheets" now reaching 5-thousand-plus hams and collectors. Ads 10 cents a word. Subscribe 24 issues (1 Year) \$6.00, get first ad FREE! Since 1971. **ELECTRONICS TRADER (FS)** Folly Beach, SC 29439.

FOR SALE: YAESU YC-601B new in box, digital readout/frequency counter \$195. YO-101 Monitor Scope, new in box \$290. FV-101B VFO \$95. Landliner Spkr/Phone Patch \$55. FT-101-E, with XF-90C, Fan, like new in box \$525. All plus shipping. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

WANTED: Help to put up Ringo Ranger Unable to get around any more. Art Ceyzyk K8JKU, 3141 SW 52nd Terr., Ft. Lauderdale, FL 33314.

WANTED: Original type Vibroplex bug. Must be in good to mint condition. Send dope and quote to Dick Wells KA4PAI, 700-55th Street., West Palm Beach, FL 33407. Will pay shipping.

FOR SALE: SWAN-250 6M Xceiver plus power supply \$200. Home brew 6M amp. \$100. 6M 4 el. beam \$15. Desk with 19" rack panel, each side \$35. Joe Moker WB4LTB, 130 NW 78th Ave., Pembroke Pines, FL 33023 305 961-7080.

FOR SALE: Hy-Gain 14-AVQ/WB, 10 thru 40 meters, trap vertical antenna with radials and instructions manual \$39. Also Heathkit HM-102 SWR meter \$22. Charlie Bukoski WD4LKY, 19820 SW 101 Ct. Miami, FL 33157 305 253-1413.

FOR SALE: Telrex 20 meter mono band beam \$350. Hy-Gain 15/15 meter band beam \$100. Mini-products hybrid-quad, mini 6-10-15-20 meter \$95. Two CDE-rotors (like new) mod. 44 \$85. each. Avanti 10/11 meter band quad \$85. Two Astatic D-104 mikes with stand PTT \$30. each. Turner plus three power mike \$35. Palomar watt & SWR meter \$25. Lafayette mod. HE-30 general coverage rcvr \$75. Hy-Gain 10 meter bi-Linear amplifier with receiver pre amplifier, 100 watts out \$100. Siltronix mod. 1011C transceiver 10/11 meter (good for Navy MARS freq. 27900 kHz \$300. Drake speaker mod. MS-4 \$30. Shure mod. 444 mike \$30. All equipment comes with schematic or blue prints for assembly of antennas. Henry Fehrmann KA4PNN 1500 Mizell Ave., Winter Park, FL 32789 305 647-1405.

FOR SALE: Commercial built "foot switch" by General Control Co. Has heavy duty d.p.d.t. switch. Perfect for contest, F.D., operators. work shop projects, dark room work etc. some with cords \$5.50 each. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. FOB

SELL FOR CASH OR SWAP. A Yamaha deluxe, 40 watt stereo receiver which has everything, but the kitchen sink, and a top of line Fisher 3-head studio standard tape deck, with all the goodies. Would like late model (no junk) ham station, either transceiver or separate receiver & transmitter. All stereo gear in sealed factory cartons, with 3-year warranty on the Yamaha receiver & 1 year warranty on the tape deck. Hank Projansky W1GSI/4, 1560 Jefferson Ave., Miami Beach, FL 33139 305 532-6998.

WHAT'S A — "FREE FLEE"?

By Ray Burbank, N4CXX

It's the idea of WB4DZN, Bill. Specifically — a Hams' "Free Flee" mart. The idea is to have a free open air, swap shop, picnic type get together for all amateurs in the area. This time of the year was selected because of the long time span between local hamfests. Plus it's free and it will give us all a chance to reacquire ourselves with each other and maybe pick up a good deal! WD4GCM, Steve and W4MAQ, Sy and others are involved with setting this up with WB4DZN, Bill.

When? Saturday, August 16th from 8 a.m. until — ?. Where? The East parking lot of Motorola, Inc. Take Sunrise Boulevard West from Ft. Lauderdale until you're almost to University Drive. You'll see the Motorola two story gray buildings on the left, turn into the parking lot just before you get to them. Remember it's FREE for us amateurs (sri, no commercial set ups). Just pull your vehicle in, park in a line, open up, set up a table, bring your own food and say hello! (Umbrella and plastic sheet — just in case, Hi).

This is a great time to clean out the shack or if you just want to browse . . . and of course clubs are more than welcome and if you wish you might mention this on your club's weekly nets on your repeater. Bill or Steve can usually be found on Gold Coast's 01/61 machine and Sy on 31/91.

Thanks to Motorola, Inc., for their support of amateurs and letting us use their parking area (their amateur club runs the 19/79 machine). Finally, thanks to WB4DZN for the sure to be. enjoyable idea! (Someone thought Flee was better than Flea, probably because he didn't like bugs, of the insect type that is. Hi)



About 8 months ago the Dade County ARPS Planning Committee signed an agreement with the United States 7th District Coast Guard Operations Center in Miami. Here LCDR J.E. Bowersox, USCG, Chief, Operations Center (L) and Andy Clark W4IYT, Dade Co. ARRL Emergency Coordinator, "seal the deal!" The agreement is for Dade amateurs to provide back-up emergency communications to the C.G. when a disaster involves amateur frequencies. Thus far the C. G. have requested assistance seven times. Thanks to CWO3 (COMM) D. R. Peterson, USCG for coordinating the agreement and this photo.

A M S A T

Ariane vehicle was not fully certified, Amsat was unable to insure the Phase III vehicle.

The Phase III launch was a highly calculated risk from the outset. Being the launch vehicle had only one successful flight and was unproven. Added to that was a 15-20% chance that the solid propellant "kick" motor would explode upon activation once in resting orbit. These risks were taken in the spirit of high level experimentation. Many volunteers worked long hours, sometimes to the point of exhaustion, to complete Phase III on time. No effort was spared to make Phase III the best yet. The failure of the launch came as a heavy blow to these people.

Amsat is now trying to recover from this disaster and is currently soliciting donations from all interested persons. Membership in Amsat is \$16 a year and this includes receiving Amsat's journal "ORBIT" four times a year. Amsat's address is P.O. Box 27 Washington, D.C. 20044.

For more information on satellite operations contact an Area Coordinator or check with SESAT group on 7280khz Sunday 8 a.m. W4MID NCS.

Amateur of month...

After Eloise he was instrumental in revamping and updating the communication sections of the county disaster plan. This plan proved itself during the Youngstown Derailment. During this disaster, Ron forewent his business and stayed on duty as long as the danger existed. Under his direction, panic was averted through his judicious use of news releases and press interviews. By the use of amateur radio, he was in constant contact with the primary command post giving situation reports.

At the Milligan incident, he was the only representative from the legislature to survey the site during the clean-up. Because of his interest, Governor Graham appointed him chairman of an ad hoc committee to revise the state disaster system. Through his efforts as chairman, attention was directed to invaluable mobile communications equipment which included equipment for amateur frequencies.

Last, but not least, Ron has done a tremendous service to the amateur fraternity by focusing attention of the legislature on hams and their public service functions through the introduction and vigorous prosecution of his license tag bill. 73 Tom Giles, K4GVV, Panama City, Florida.